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Bruce's Seeds

1907

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JOHN A. BRUCE & CO. HAMILTON

REGAL TRADE MARK SEEDS

Phyllis Unwin
New Giant
Orchid
Flowered
Sweet Pea
Per Pkt. 10c.

THE PIONEER SEED HOUSE OF CANADA

1850—1907
ESTABLISHED OVER HALF A CENTURY

ANNOUNCEMENT

After a connection of half a century with the firm of Jno. A. Bruce & Co., nearly forty years of which as a partner, F. C. Bruce, who, since the retirement in 1893 of his brother Jno. A. Bruce the founder of the firm, was the sole partner; retires to a well earned leisure.

On the 1st of July, 1906, the business passed into the hands of W. H. and E. W. Bruce, sons of F. C. Bruce, who will conduct it under the same firm name as formerly, and as the new proprietors have had much to do with the management of the business in recent years, and are familiar with every detail of it, they hope to merit the confidence of those who have so liberally patronized their seniors.

The same great care in the selection of stocks, connections with the best growers, gained by our long business relations, prompt attention to all orders, and all details in connection with the business, all of which has made the splendid reputation of this house, ensures to our patrons perfect satisfaction.

DISCOUNTS ON SEEDS IN PACKETS ONLY

Those who remit	$1 00	for Seeds in Packets	may select to the value of				$1 25
"	"	2 00	"	"	"	"	2 50
"	"	3 00	"	"	"	"	3 75
"	"	4 00	"	"	"	"	5 00
"	"	5 00	"	"	"	"	6 25

These Discounts apply to Vegetable and Flower Seeds in Packets only, and only when remittances accompany the order.. Seeds offered in Special Collections, also Novelties, are not subject to discounts.

Seeds are frequently offered in packets at lower prices than our Catalogue quotations; this is done by reducing the size of the packet. Where seeds are not sold by weight we always give full size packets.

SEEDS IN COLLECTIONS

No. 1. Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Lettuce, Water Melon, Onion, Parsnip, Radish, Spinage and Turnip our selection; 10 packets. Retail value 50c., **for 25c. postpaid.**

No. 2. Vegetable. 1 pkt. each Beans, Beet, Cabbage, Carrot, Corn, Cucumber, Lettuce, Musk Melon, Water Melon, Onion, Parsnip, Parsley, Pumpkin, Peas, Radish, Salsify, Spinage, Squash, Tomato and Turnip—our selection; 20 packets. Retail value $1.00, **for 50c. postpaid.**

No. 3. Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cauliflower, Celery, Cress, Cucumber, Lettuce, Musk Melon, Water Melon, Onion, Parsley, Parsnip, Pumpkin, Radish, Salsify, Spinage, Squash, Tomato, Turnip, Sage and Savory, and ½ pint each Beans, Corn and Peas—our selection; 22 packets and 3 half-pints. Retail value, $1.50, **for 75c. postpaid.**

No. 4. Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Erfurt Cauliflower, Paris Golden Celery, Cress, Cucumber, Lettuce, Musk Melon, Water Melon, Onion, Parsley, Parsnip, Pumpkin, Radish, Salsify, Spinage, Squash, Tomato, Turnip, Savory, Sage, and 1 pint each Beans, Corn and Peas—our selection; 22 packets and 3 pints. Retail value, $2.00, **for $1.00, postpaid.**

No. 5. Root Seeds. 1 pkt. each, 3 best varieties Sugar Beet, 3 best varieties Carrot, 3 best varieties Mangels, and 6 best varieties Turnips—our selection. Retail value, 75c., **for 35c. postpaid.**

No. 6. Floral. 1 pkt. each Alyssum, Balsam, Calliopsis, Cornflower, Candytuft, Dianthus, Pansy, Larkspur, Mignonette, Petunia, Phlox, and Zinnia—12 packets. Retail value 60c., **for 25c. postpaid.**

No. 7. Floral. Bruce's Royal Nosegay Sweet Peas. See page 41. Ten exquisite distinct varieties. Retail value 50c., **for 25c. postpaid.**

No. 8. Floral. Bruce's Novelty Sweet Peas. See page 66. Six grand new sorts. Retail value 60c., **for 25c., postpaid.**

No. 9. Floral. Bruce's Peerless Dwarf Nasturtiums. See page 41. Eight grand distinct varieties. Retail value 40c., **for 25c., postpaid.**

No. 10. Floral. Bruce's Peerless Tall Nasturtiums. See page 41. Eight splendid distinct varieties. Retail value 40c., **for 25c., postpaid.**

No. 11. Floral. Bruce's Empire Asters. See page 41. Six superb distinct varieties. Retail value 55c., **for 25c. postpaid.**

NOTE.—None of the above collections can be changed in their make up. Full size packets are used in all cases. Remittances must accompany order. All the above collections will be sent postpaid to United States except Nos 3 and 4, to which add 20c. and 35c. respectively for extra postage. Postage to Newfoundland is 15c. per lb. or any part of a pound; Add 15c. extra for postage there on any of above collections except Nos. 3 and 4, to which add 20c. and 35c. respectively.

NOVELTIES See pages 2, 3, 4 for Vegetable Novelties and pages 38, 39 and 40 for Flower Seed Novelties.
Plants, a fine collection, see pages 70 to 77

ESTABLISHED 57 YEARS. **ORDER SHEET.** See Page 1 of Catalogue for full Instructions to Purchasers

JOHN A. BRUCE & CO., HAMILTON, ONT.

FORWARD TO

*Name*_____

*Post Office*_____

*Express Office*_____

*Province*_____

Please write NAME and ADDRESS distinctly and in full.

AMOUNT ENCLOSED:	
P. O. Order, or Postal Note	$
Express Order	$
Draft, -	$
Cash, - -	$
Stamps, -	$
Total,	$
Date,	1906

RESERVED SPACE. DO NOT WRITE HERE.	
No. of Pkgs.	
How Sent	
Date Sent	
Put up by	
Postage	
Advised by	

Conditions of Sale—John A. Bruce & Co. take every precaution to supply reliable Seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

All Seeds forwarded by mail are sent free of charge at Catalogue prices, excepting **Beans, Corn, Mushroom Spawn, Onion Setts, Potatoes, Peas, Sugar Beet, Field Carrot, Mangel, Rape, Field Turnip, Grains, Clover, Grass, Bird, Tree, Hedge and Fruit Seeds**; when such are to be mailed, postage must be added at the rate of **5 cents** per pound or pint, within the Dominion of Canada, and 16 **cents per pound** or pint to **Newfoundland** and the United States. Plants going by mail require 5c postage for any quantities under 5 plants, or 10c in lots of 10 to Canadian points: double these rates to United States and Newfoundland.

Bushel.	Peck.	Quart.	Pint.	Pound.	Ounce.	Packet.	NAME OF SEEDS WANTED.	Price.

☞ **Make all Money Orders, Drafts, Etc., payable to John A. Bruce & Co** Use Ink when writing out Order.

Bushel.	Peck.	Quart.	Pint.	Pound.	Ounce.	Packet.	NAME OF SEEDS WANTED.	Price.

Every Customer **ordering goods from us** to value of 25c and over, who will send the names of neighbors or friends **having gardens** and who have not been using our Seeds will reeeive a Packet of some useful Vegetable or Flower Seed for their kindness. This offer good only till 15th April.

BUSINESS ESTABLISHED 1850. Office and Warehouse, Cor. King and Macnab Streets.

JOHN A. BRUCE & CO.

Exporters of Clover and Grass Seeds

SEED GROWERS AND MERCHANTS

HAMILTON, CANADA, Jan. 1st, 1907.

IN presenting the FIFTY-SIXTH ANNUAL EDITION OF OUR ILLUSTRATED CATALOGUE OF SEEDS FOR THE FARM, VEGETABLE AND FLOWER GARDEN, GREENHOUSE AND FOREST, of Garden Implements and Agricultural and Horticultural Sundries for 1907, we again appeal with confidence to those who have patronized us so liberally in the past for a continuance of their favors, which have come to us with such gratifying regularity since the establishment of this business fifty-seven years ago; and we also avail ourselves of this opportunity to solicit from others whom we have not hitherto had the privilege of serving, a share of their patronage.

Our Catalogue contains nearly everything of value to those engaged in Agricultural and Horticultural pursuits. New introductions of Flowers, Vegetables and Field Roots are annually offered to the public, often with descriptive matter differing widely from the reality, and usually outlined by illustrations of an extravagant character. We have endeavored in our publications, as far as possible, to protect the vegetable kingdom from such caricatures. We invariably make ourselves acquainted with the value of what are termed novelties before offering them, and when this cannot be done we give the raiser's description only; we make this reference in the interest of those who have not been using our seeds, and who may infer from the modest illustrations in our Catalogue that the product must necessarily be of the same dimensions. One trial will remove any misapprehension of this nature, and prove that in quality our stock of Seeds for the Farm, Garden and Greenhouse are at least quite equal to any offered, no matter from what source they come.

The increase in the population of Canada during the past few years, and especially in great manufacturing centres like the City of Hamilton, has largely increased the acreage under cultivation for growing Vegetables, and this will continue to extend as our factories are enlarged and new industries are added to those in operation.

The past season was favorable for maturing the most important Seed Crops, and there is no serious shortage in the leading varieties of Root Seeds for the farm (excepting some varieties of Swede Turnips), or of Vegetable Seeds for the garden (excepting possibly Onions, Peas and Radish), consequently prices are moderate, and with favorable weather conditions and an assured demand there is room for increased production with profitable returns.

The shortage in the crop of Canadian Red Clover Seed in the United States the past season accounted for the high prices which prevailed, and owing to this our Canadian farmers profited largely with their good crop. This season both in Canada and the United States the crop is quite short and high prices will prevail. In Europe they have some surplus which will tend to keep prices within bounds, but unfortunately most of their seed is too dirty to pass the standard set by the Government Seed Act of 1905.

SUGGESTIONS TO CUSTOMERS.

Owing to the extended nature of our business connections and the heavy expenses incurred in collecting accounts, we conduct our business on **Cash Principles**; therefore, orders to receive prompt attention must be accompanied by a remittance of the amount. Remittances can be made in current Bank Bills, Postoffice Orders, Postal Notes, Express Orders, or by Draft, and for amounts under one dollar in Postage Stamps. Postoffice Orders, Postal Notes and Express Orders are preferable to all others, as there is no possibility of loss, but when these cannot be obtained Registered Letters are most certain to reach their destination. **Do not send checks unless marked by Bank and made payable at par here.** The cost of Postoffice Order, Postal Note, Express Order or Registering the letter may be deducted from the remittance on orders amounting to two dollars and upwards. As the seed season continues only for a few months in the year, there is, of course, a great pressure of business when sowing commences. Except in cases of extreme urgency all orders will be executed in rotation as received. We will, therefore, feel greatly obliged if our customers will kindly forward their orders as soon as possible after the receipt of this Catalogue, and please remember to give your **Name, Postoffice Address, and Province, in full.** We are frequently in receipt of orders deficient in some of these important requisites, often causing a delay of weeks in their execution, greatly to the inconvenience of the sender as well as our own.

Address all Correspondence and make all Money Orders payable to JOHN A. BRUCE & CO.

EXPRESS AND FREIGHT RATES AND MAILING CONDITIONS.

For the information and convenience of our customers in Manitoba, the Northwest Territories and British Columbia, we give below the present rates from Hamilton to the various points named. The rates between any two points will be proportioned according to distance. As these rates are subject to change we cannot guarantee them.

FREIGHT RATES FROM HAMILTON PER 100 LBS.

	On Barley, Oats, Buckwheat, Peas and Wheat.		*On Clover, Timothy, Hungarian, Millet Red Top, Etc.*		**Express Rates from Hamilton Per 100 lbs.**
	All Rail.	Lake and Rail.	All Rail.	Lake and Rail.	
Port Arthur	$0 52	$0 35	$0 72	$0 42	$2 60
Winnipeg	0 89	0 80	1 22	1 02	3 60
Brandon	1 04	0 95	1 42	1 22	4 20
Regina	1 35	1 26	1 83	1 63	5 20
Calgary	1 67	1 58	2 27	2 07	6 80
Prince Albert	1 49	1 40	2 02	1 82	6 00
Edmonton	1 67	1 58	2 27	2 07	7 20
Vancouver, B.C.	1 67	1 63	1 67	1 62	9 00
Victoria, B.C.	1 67	1 63	1 67	1 62	9 30

The lowest freight charge is for quantities of 200 lbs. For any quantity under 200 lbs. the charge is the same as for 200 lbs.

Express rates are special rates on Seeds of any description. 25 lbs. and over at 100 lb. rate; less than 25 lbs. higher, according to weight.

Our postal arrangements enable us to forward Seeds, Bulbs and Plants to any Post Office in the Province of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, the Northwest Territories and British Columbia, at the rate of 5c per pound, and our careful system of packing will carry them with safety to the most distant point, giving purchasers in the remotest districts the opportunity of procuring reliable seeds at reasonable prices when far removed from source of supply.

Catalogues mailed free to any address on application.

Sincerely thanking you for past favors, and soliciting a continuance of the same, with your kind recommendations,

We are your obedient servants,

NOVELTIES AND SPECIALTIES IN VEGETABLES

Descriptions given are those of the Raisers.

The June Pink Tomato

The June Pink Tomato in habit of growth is similar to the Earliana. The plant is neat and compact, branching freely, with fruit hanging in clusters of six to ten fruits, both in the crown and at the forks of the branches. Under exactly the same conditions as given Earliana and Chalk's Jewel, the June Pink yielded as much fruit as either, and the vines after the crop had been harvested were greener and brighter, and showed no tendency to blight. It ripens fully as early as Earliana and quite ten days to two weeks ahead of Chalk's Early Jewel. The fruit is of medium size, uniform, smooth, and attractively shaped, without crack or any green core. The fruit will average 2¾ to 3 inches in diameter, and from 2 to 2½ inches in depth. The skin is reasonably tough so that it is excellent for shipping purposes. In color it is a bright, pleasing pink, and for market use will bring 25 per cent. more in price than any red variety. It has the further quality of continuing to bear and ripen fruit up until frost. It gave splendid satisfaction this past season. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c, oz. 90c.

Livingston's New Globe Tomato

Among the very first to ripen, although of large size, very smooth, firm fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short jointed, branching plants, in great abundance. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.75.

New Neapolitan Pepper

The Earliest of all Large Mild Red Peppers, and the Most Productive.

The fruits are of good size, measuring 4 inches long by 4½ inches in circumference. The plants are very vigorous and stocky, and are completely laden with large, handsome fruits. The peppers grow upright until by their weight they turn down. The flesh is quite thick and bright red in color, sweet and very mild. They carry well and keep in prime condition, and always com- [illegible] market prices. Pkt. 5c, ¼ oz. 20c, ½

A New Musk Melon, The Grand

"The Grand" originated four years ago with Mr. H. B. Davis, Jackson, Michigan, a well known grower and shipper of Musk Melons. Last season Mr. Davis planted two-thirds of his entire crop, about 20 acres, of this new variety, and claims for this new melon: It is 10 to 14 days earlier than Osage under same conditions; it is salmon fleshed and in flavor and quality equals the Osage or any other variety; it grows more uniform than any other musk melon in size, flavor, color and depth of flesh; it is a first-class shipping melon, does not crack at blossom end; it sets fruit near the root, has a more vigorous vine, therefore resists disease better than most sorts; it is just the right size, averaging about six inches in diameter; it pleases the dealers. Pkt. 10c, or 3 pkts. for 25c.

Lambert's Pure Culture Mushroom Spawn

Until very recently Mushroom culture stood in the position which fruit growing occupied before grafting was discovered. The best spawn, English or French, was wild spawn, no one could tell what variety of Mushrooms it would produce—all depended upon the accidents of nature for the supply. It did not occur, until recently, to scientists, who had vainly labored in the solution of this problem, to apply the grafting process to the development of selected varieties and thereby reproduce the large, vigorous and prolific specimens used in the grafting to the exclusion of other and inferior fungi. The pure culture method of raising spawn was discovered in 1903, and exhaustive tests have since demonstrated the practicability of producing it in commercial quantities. Lambert's Pure Culture Spawn received the highest award at the St. Louis Exposition in competition with all other spawn. Pure Culture Spawn is more expensive than the old-fashioned English or French spawn for the same reason that grafted trees cost more than wild seedlings. In 1½ lb. bricks 25c each, per dozen $2.50 here. Postage

Bruce's Unrivalled Peas.

NEW POTATO, NOROTON BEAUTY

Noroton Beauty is a lineal descendant of the famous Peach-Blow, being a seedling from a seedling of that variety. We may summarize its merits as follows :

It is the earliest potato ever grown.

It is by far the most productive extra-early, yielding as heavily as any medium early sort.

It is handsomer in appearance and more uniform in size and shape than any other variety.

Its table quality is superb and it keeps longer than any other sort, early or late.

It is the best all-round Potato in existence.

Price, 1 lb. 15c, 5 lbs. 60c. If by mail add postage at rate of 5c lb. to Canadian points and 16c lb. to Newfoundland and the United States. By freight, ½ peck, 45c, peck 75c, ½ bushel $1.20, bush. $2.10.

NEW EARLY PEA, BRUCE'S UNRIVALLED

In shape of pod and habit of growth it may best be described as a more robust form of American Wonder, growing five to six inches higher, and about ten days later. The pods, which are of the same brilliant deep green color as the plant, are produced in great profusion, each completely packed with ten large and very sweet flavored peas. Bruce's Unrivalled will be found profitable to the producer and pleasing both to the eye and the palate of the consumer. We highly recommend this fine variety. Pkt. 10c, ½ pint 20c, pint 30c, quart 50c. Postpaid 5c per pint extra to any Canadian address.

NEW EARLY PEA, "THE PILOT"

In this new introduction we have a First Early Cropper, producing deep green pods of the well known Gradus type. It is a hardy, vigorous, branching plant, growing 3 feet in height, and bears throughout the length of the haulm a large proportion of pods in pairs, which contain five deep green peas of exquisite flavor. The Pilot is in every respect the first and best of all Early Round-seeded Varieties. An award of merit has been granted by the Royal Horticultural Society to this valuable variety. Pkt. 15c, ½ pint 25c, pint 40c, quart 70c. If by mail add postage 5c pint to any Canadian address.

Noroton Beauty Potato.

BRUCE'S GIANT FEEDING SUGAR BEETS

For cut and general description refer to page. 31. These grand roots, half sugar beet and half mangel are the leaders on the market to-day, and to show how they are capturing the trade and growing in favor we give our sales: Introduced by us in 1900, sales, 43 lbs.; 1901, 667 lbs. ; 1902, 1,954 lbs. ; 1905, 5,063 lbs. ; also one of many letters commending our fine strain :

From the agricultural department of one of our large sugar companies : **"Last season I had two experimental plots of Sugar Beets for feeding ; they were Royal Giant and Bruce's Giant Feeding. The latter were a much better yield, more uniform in size, and better keepers, and I want your seed for this year's crop."**

We have two varieties, White and Rose, lb. 25c, 4 lbs. 90c. Postpaid to Canadian points, lb. 30c, 4 lbs. $1.10.

Bruce's New Century Swede Turnip.

Bruce's New Century Swede Turnip

It is very gratifying to us to receive so many complimentary letters testifying to the superiority of this fine Swede, and in order to show its wonderful popularity we give our sales since its introduction in 1901, when we sold 16 lbs ; 1902, 250 lbs. ; 1903, 1,491 lbs. ; 1906, 4,351 lbs, when we sold out before season was over, besides having to reduce many of our orders so that all our customers might get part of their requirements. In 1905, at Central Experimental Farm, out of 20 of the best varieties it stood a close second in yield per acre. Besides this heavy cropping quality it is the handsomest and best in quality of all Swedes. It is the best Swede to resist mildew, the best shipping variety, and for cooking purposes cannot be excelled by any other Swede. It is a purple topped variety, resembling Westbury, of splendid uniform growth, and the roots are clean and of handsome shape. In sections where large quantities are grown for the American market the growers and shippers will have no other. ¼ lb. 10c, lb. 30c, 4 lbs. for $1.00. If by mail add postage.

Ideal Pickling Cucumber

A beautiful variety of the short green type ; unlike any other variety ; pickles dark green in color ; solid, crisp and brittle, and of fine flavor ; uniformly symmetrical in shape ; immensely productive ; does not become saddle-backed or hollow in center ; vines shorter in habit of growth than other varieties; rows can be planted half the usual distance apart, increasing the yield per acre. The Ideal Cucumber is the perfection of every point desired by pickle growers and dealers. Try it and convince yourselves. It is the most attractive in shape and color and the finest quality in every stage of growth. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Bruce's Paris Golden Yellow Celery

This magnificent strain is used by all the leading growers for the Montreal, Ottawa, Toronto, Hamilton, Winnipeg and other large markets. As celery seed does not lose its germinating properties for some years, and though it has been grown by the same grower from our own stock seed ever since its introduction, to prevent any loss we never send it out the first year, but test it so that we know it is up to our standard of past seasons. See page 11. Pkt. 10c, ½ oz. 30c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Safe and Sure Cauliflower

A new variety from Europe, recommended particularly to withstand the drought and heat, and a sure header. It produces very large firm heavy heads, and is well worthy of a trial. Pkt. 15c, ¼ oz. 75c, ½ oz. $1.20, 1 oz. $2.00.

Bruce's Selected Erfurt Cauliflower

The largest growers find our fine strain of this Cauliflower to be the most reliable and paying on the market. Though it has been grown from our own stock by the same grower ever since we introduced it, and as its germinating properties lose very little, we never send this out the first year, but make a careful test to see it is fully equal to our standard of past years, thus preventing loss to the grower. See page 10 for prices.

Large Orach or Mountain Spinage

Not a new article, but little known in this country. It is cultivated and used like spinage, but by many is much preferred to it. We offer Red, which has dark red leaves, and White, with pale green almost yellow leaves. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Goliath Long Green Cucumber

It is a very long, handsome dark green, uniform, smooth variety, with fruit 20 to 25 inches long, and a shy seeder, thus an excellent sort for pickling and slicing. Highly recommended. Pkt. 5e, oz. 25c, 2 oz. 40c, ¼ lb. 70c, lb. $2.40.

Australian Extra Early Field Corn

We highly recommend this Corn, particularly for northern sections where Corns are usually a failure. It is very hardy, extremely early, a great drought resister, and succeeds where most other sorts fail. 1 lb. 15c, 5 lbs. 50c ; if by mail, add postage. By freight, peck 50c, bushel $1.50.

New Oat—Scottish Chief

A new Oat from Scotland, which has met with unqualified praise from all who have seen it. After being well tested for 3 years we recommend it with confidence. It comes in at the same time as Banner, Siberian, etc., and produces an excellent straw, which stands up splendidly. It is a heavy, side oat, of splendid quality, and yields most abundantly, having beaten every variety in the locality where it has been grown. Price, 75c bushel ; 5 bushels $3.25 here. Bags extra.

BRUCE'S SELECTED VEGETABLE SEEDS

CONDITIONS OF SALE.—John A. Bruce & Co. take every precaution to supply reliable seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter, of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

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ARTICHOKE. *Artichaut*, Fr. *Artischoke*, Gr.

Sow in April or May in drills two inches deep; thin the plants to four inches, and when strong transplant in deep, rich soil, two feet apart each way; keep the earth loose about them in summer, and cover during the winter with dry litter or leaves for protection.

Green Globe—Pkt. 5c, oz. 40c.

Jerusalem Artichoke—Cultivate like potatoes, but plant in rows not less than three feet apart. They are enormously productive, and are valuable alike as a table vegetable as well as for feeding stock. Per bush, $2.00 peck 60c here. 1 lb. 20c, 3 lbs. 50c, per mail postpaid to all Canadian points.

ASPARAGUS. *Asperge*, Fr. *Spargel*, Gr.

(One ounce will sow a row of thirty feet.)

Asparagus.

Sow early in spring, in drills one foot apart. To secure strong, healthy plants thin out the seedlings to three or four inches in the rows. The one-year old plants should be set out in the spring in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. Plant in rows fifteen inches apart, and twelve inches apart in the rows. Spread out the roots all round, and carefully shake the soil in amongst the rows and cover to the depth of four inches. Before winter sets in cover the beds with six inches of manure, and in the spring give a top dressing of salt. Every fall a good dressing of course manure should be applied, after the tops have been cut, and in spring forked in. Never cut too closely, as the roots need the benefit of some foliage during the year.

ASPARAGUS—Continued.

Columbian Mammoth White—This fine new variety furnishes large white shoots, which stay white as long as fit for use, without earthing up or any other artificial blanching. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Conover's Colossal or Early Purple Argenteuil—Large and productive, cultivated extensively for the Paris and other continental markets. Highly recommended. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Palmetto—An early variety of large size, very productive and of fine quality. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 60c.

ASPARAGUS ROOTS. TWO YEAR OLD.

Palmetto—Per 100, $1.10.

Conover's Colossal—Per 100, $1.00.

Columbian Mammoth—Per 100, $1.20.

When Asparagus Roots are to be sent by mail add postage at the rate of 30c per 100. Special price per 1,000 on application.

BORECOLE OR KALE.

Chou Vert, Fr. *Gruner Kohl*, Gr.

Scotch Kale.

Sow early in spring, cultivate same as cabbage. They supply a stock of excellent greens for spring and fall use.

Green Curled Scotch—Very hardy, and is improved by a moderate frost. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

BROCCOLI

Chou Brocoli, Fr. *Spargel Kohl*, Gr.

Sow end of April in the open ground, then transplant about two feet apart in deep rich ground. They produce heads similar to Cauliflower. When they begin to flower break the large leaves over the head to protect them from the sun.

Early Purple Cape—One of the hardiest and sure to head. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

Walcheren—Fine snow-white heads, very hardy. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

BEANS, Dwarf or Bush

Haricot, Fr. *Bohne*, Gr.

One pint will sow a row of 50 feet. The Dwarf or Bush varieties should be planted in rows, 2½ feet apart, and 2 or 3 inches in the row. They are very sensitive to frost or cold, and should not be planted before the second week in May. Hoe often, and keep the ground mellow and draw the earth up to the plants. Plant the pole or running varieties in hills 3 feet apart, and in the hills place poles from 6 to 8 feet high.

Wardwell's Kidney Wax Beans.

DWARF YELLOW PODDED SORTS.

Valentine Wax—Extra Early. The pods are round, stringless, and of the finest quality. It is remarkably free from rust and remains a long time before becoming tough. Pt. 20c, qt. 35c, pk. $2.25.

Black Wax or Butter—Pods transparent waxy yellow, thick, tender. Pt. 15c, qt. 30c, pk. $1.60.

Wardwell's Kidney Wax—Extra early, pods long and flat, free from rust. Pt. 20c, qt. 35c, pk. $2.00.

Golden Wax—The standard variety for general use; pods long, broad and flat, very fleshy and of finest quality. Early and productive. Pt. 15c, qt. 30c, peck, $1.75.

Detroit Wax—The hardiest and least liable to rust of all the butter beans, very productive. Pt. 15c, qt. 30c, peck $1.75.

Flageolet Golden Wax Beans.

DWARF YELLOW PODDED VARS.—Continued.

Refugee Wax—Pods round, clear and transparent, and of handsome appearance. Is tender, very productive, free from rust and stands dry weather remarkably well. Pt. 15c, qt. 30c, peck $1.75.

Flageolet Golden Wax—Produces larger and longer pods than any other of the yellow podded sorts; very productive, and for market purposes cannot be excelled. Pt. 20c, qt. 35c, peck $2.00.

Giant Yosemite Wax—Very large yellow pods, of finest quality. Pt. 25c, qt. 40c, peck $2.50.

DWARF OR BUSH LIMA BEANS.

Burpee's Bush Lima—A heavy yielder, each bush bearing from fifty to two hundred pods, filled with beans identical in size and in luscious flavor to the large pole Limas. Pt. 20c, qt. 35c.

Henderson's Bush Lima—Early, hardy and productive. Pt. 20c, qt. 35c.

ENGLISH BROAD BEANS.

These are very hardy, and should be planted as soon as the ground is open; when in full bloom and the lower pod set, pinch off the tops. This ensures the filling of the pods and hastens maturity. A strong, heavy soil suits them best.

Taylor's Broad Windsor—The largest and best of the class for general use. Pt. 20c, qt. 35c.

POLE OR RUNNING BEANS.

One pint will plant about seventy-five hills.

Dutch White Caseknife—Very productive and fine flavor. Pt. 20c, qt. 35c.

Large Lima—The best of all pole beans; plant when the ground is dry and warm. Pt. 20c, qt. 35c.

Scarlet Runners—Very prolific, mostly grown as an ornamental plant. Pt. 20c, qt. 35c.

Asparagus, or Yard Long—Pods tender and sweet. Pint 50c.

DWARF GREEN PODDED VARIETIES.

Stringless Green Pod—It combines hardiness, earliness, and productiveness, with pods of finest quality, which are long, round and meaty, tender, brittle, and of fine flavor, and absolutely stringless even when fully matured. Pt. 20c, qt. 35c, pk. $2.00

Valentine—Early, productive, tender, succulent and of excellent flavor. Pt. 15c, qt. 25c, pk. $1.50.

China—Very early, of fine quality. Pt. 15c, qt. 25c, peck $1.50.

Yellow Six Weeks—Early and prolific, good for general crop. Pt. 15c, qt. 25c, peck $1.50.

Mohawk—One of the hardiest and most productive. Pt. 15c, qt. 25c, peck $1.50.

Refugee or One Thousand to One—Great bearer, late; best for pickling. Pt. 15c, qt. 25c, pk. $1.50.

Large White Kidney—Excellent as a shell bean. Pt. 15c, qt. 25c, peck $1.40.

For Field Varieties see Agricultural Seeds.

Large packets of any variety of Beans, 10c; small packets 5c each. When beans are to be sent by mail add postage at the rate of 5c per pint within the Dominion of Canada, and 16c per pint to Newfoundland and U.S.

BEETS

Betterave, Fr. *Rothe Rube*, Gr.

One ounce wi l sow a row of 40 feet; 5 lbs. for an acre

Beets require a deep mellow soil; may be sown from the early spring to the commencement of summer. The winter crop, to be tender, should not be sown too early. Sow in drills 18 inches apart, and thin out the plants gradually to six inches. Keep the soil well stirred.

Black-Leaved Blood Red (New).—Very handsome, round shape, fine grained blood-red flesh, tender and early; the leaves are a beautiful blood red color, almost black. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Crimson Globe—The flesh is fine grained, sweet and tender, of a dark crimson color. Leaves are small, with slender leaf stalks, and as dark in color as Egyptian. Comes in same time as Eclipse. Pkt. 5c, oz. 10c. 2 oz. 15c, ¼ lb. 25c, lb. 60c.

Egyptian Dark Red Turnip—A standard extra early variety, very deep red, tender and fine flavor. Best for early market. Pkt 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c

Crosby's Egyptian—A selection from the Egyptian, which, while it retains its earliness, has added thickness, giving it a more desirable shape; it is of fine quality, sweet and tender. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c.

Eclipse—Extra early, turnip shaped variety, remarkable for rapid growth. Roots grow smooth, round shape, intense red skin, flesh very fine grained and sweet. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c.

Edmand's Early—Very uniform, with small tops of bronze red. Is round, smooth, and good marketable size, fine quality, exceedingly sweet and tender. Skin and flesh dark blood red. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c.

Detroit Dark Red Turnip—Small, upright tops, smooth roots, tender and sweet, grand canning variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb 60c

Dewing's Improved Blood Turnip—Roots deep blood red, and of fine form and flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c.

Early Blood Turnip—Very tender and good for early and late use. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c.

The Lentz—A fine early variety of excellent quality; good keeper. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 60c.

Early Bassano—Very early, tender and juicy; light color. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Crimson Globe Beet.

LONG VARIETIES FOR WINTER USE.

Brussels Sprouts.

Bruce's Long Dark Blood — Roots very symmetrical and always smooth and handsome. Flesh is dark red, very sweet, crisp and tender, never becoming woody even in portions above the ground. It retains its good quality longer than other sorts. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Long Smooth Blood Red—An excellent late variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Dell's Improved Black Leaved—A fine dark foliaged variety, the best for flower garden decorations; color deep purple. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Beck's Improved Sea Kale or Swiss Chard—The leaf stalks, which are served up like sea kale, are by many considered as quite equal to that favorite esculent. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

For Sugar Beet see Agricultural Seeds.

BRUSSELS SPROUTS. *Chou de Bruxelles*, Fr. *Sprossen Kohl*, Gr.

Sow seed in May; transplant and cultivate same as cabbage. They grow from two to three feet high, and produce little heads from the axles of each leaf. They are very tender when touched by frost.

Improved Dwarf—Extra fine. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2

CABBAGE. *Chou*, Fr. *Kohl*, Gr.

One ounce will sow a bed of four feet by ten and furnish about 2,000 plants.

Sow the early varieties in hot-beds or frames, from February to April for early crops, and in the open ground as soon as the soil is in working order. For Fall and Winter Cabbage sow the seeds in beds in the open ground at the end of April, or arly in May, and transplant into well manured ground. Early varieties should be planted in rows two feet apart, and fifteen inches in the rows; late varieties, two and a half feet each way. The ground must be well worked to produce good heads. Hoe often and draw the earth around the plant.

Extra Early Eureka—New—It excels all other early cabbage in solidity of head, being as hard and solid as the Danish Ballhead; suited also for a second early or summer crop where a medium sized head will answer. Pkt 5c, oz 25c, 2 oz 40c, ¼lb 70c, lb $2.50

Express—Extra early, excels in earliness all others. It has the shape of Early Etampes, but is smaller and earlier; has but few outside leaves, and therefore may be planted very close and yield large crops. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Extra Early Cabbage "Eureka."

Selected Jersey Wakefield Cabbage.

Early Spring—A round, flat-headed cabbage as early as Wakefield, and more productive. Very uniform in shape. It has very few small outer leaves, thus allowing its being planted as close as any variety known; of the finest quality; the heads harden at an early stage of growth, so that they are really fit for use before being fully matured. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Selected Early Jersey Wakefield—To those who may not be familiar with this well known variety we would say that it is justly considered by market gardeners as one of the best and most reliable early cabbages in cultivation. The seed we offer is unequalled in quality. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Charleston Wakefield—This variety is much larger than the preceding, but not quite so early. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Early Etampes—A fine extra early ox heart shape, of excellent quality. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Henderson's Early Summer—About ten days later than the early Wakefield, but fully double the size; one of the best large early cabbage. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Early Winningstadt—A standard variety for general use; heads large and remarkably solid; keeps well in hot or cold weather. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

AllSeasons (Vandergaw)—An early drumhead variety, somewhat later than Early Summer, but much larger. Planted late the heads, which are hard and solid, keep well.. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Autumn King or World Beater—Heads very large, broad, thick and solid; stalks short; foliage dark green with slight reddish tinge; splendid keeper. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Henderson's Summer Cabbage.

Fottler's Brunswick Cabbage.

CABBAGE—Continued.

St. Denis Drumhead—A favorite winter variety, heads large and very solid. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Premium Flat Dutch—A popular variety, tender and of superior quality. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Marble Head Mammoth Drumhead—Heads have been exhibited which weighed from forty to sixty pounds each. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Bruce's Winter—This is a distinct extra large and hardy variety; it produces enormous, solid heads, attaining 20 inches in diameter and weighing 20 to 30 lbs. It is very short stemmed, the heads resting almost on the ground; is very productive and good keeper. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Filderkraut—Conical shaped heads, with very few side leaves. This variety is largely used in Germany in the manufacture of "Kraut." Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Burpee's Surehead—A large and sure-heading main crop cabbage; splendid keeper and shipper. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Burpee's All Head—The largest heading of the second early sorts, very productive, and of fine quality; the deep flat heads are remarkably solid and very uniform in size. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Succession—Equally good as a medium early, main crop or for late use, heads are very solid and of uniform size, averaging 10 to 12 pounds. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Danish Ball Head (or Hollander)—The favorite winter cabbage of Denmark. Heads are round, of good marketable size, hard and heavy, fine grained and long keepers. It will stand well through a dry season when other sorts fail; matures late. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 65c, lb. $2.25.

Fottler's Improved Short Stemmed Brunswick—This, for a fall or winter cabbage, is without a rival. Heads are large and solid, often weighing from 20 to 30 lbs. Is a sure header, splendid keeper, and of excellent quality. Most profitable variety to grow. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

New Danish Drumhead.

Danish Drumhead (new)—This is an earlier and shorter stemmed type of the popular Danish Ballhead. It is equal to that variety both in quality and long keeping properties, while the heads average larger and heavier and mature two weeks earlier. A paying cabbage to grow for late fall and winter market. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 65c, lb. $2.25.

Chantenay Carrot.

RED CABBAGE.

Large Red Drumhead—Produces very large solid heads, of fine, deep purple color, the best of the class. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Red Dutch—A favorite sort for pickling; heads not so large as preceding. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Mammoth Red Rock—This is the largest variety known, heads averaging over 10 lbs. each, solid as a rock, and of a deep red color both inside and out. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

SAVOY CABBAGE.

Large German Drumhead—Our stock of this favorite winter variety is unsurpassed for purity, and never fails to produce large solid heads. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Green Globe Savoy—Heads small but tender, and of fine quality. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

CARROT. *Carotte*, Fr. *Mohre*, Gr.

One ounce will sow a row of 100 feet; 3 to 4 pounds for one acre.

The Carrot is an important root for the farm or garden. It succeeds best in a light, sandy loam, richly manured and deeply dug. For early crops sow in rows 18 inches apart, and thin out to 6 inches in row. Hoe often between rows and keep clear of weeds.

Guerande Half-Long Carrot.

CARROT—Continued.

Extra Early Scarlet Forcing—This is the earliest and best variety for forcing. The root is small, nearly round, and of excellent quality. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. 90c.

Early Scarlet French Horn—Stump rooted, color deep scarlet, and fine flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Early Guerande or Ox Heart—Stump rooted, intermediate as to length, between the French Horn and S. Nantes, but much thicker, attaining at the neck from 3 to 4 inches in diameter. Highly recommended. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Danver's Half-Long—A handsome stump-rooted Carrot, of rich, dark orange color. It grows to a large size, is smooth, and the flesh very close in texture, with little core. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Chantenay Half-Long Scarlet—Stump-rooted; an excellent variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼lb. 25c, lb. 75c.

Early Half-Long Scarlet Nantes—A large stump-rooted variety, superior for table use. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 65c.

St. Valery—A fine selection of intermediate type, but earlier; superior in quality and shape; beautifully formed roots with very small core. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

English Horn or French Intermediate—A half-long pointed variety; medium early, and heavy cropper. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 65c.

Long Orange—Good for general crop, field or garden. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 55c

Long Scarlet Altringham—An excellent variety for field or garden. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 55c.

FOR FIELD VARIETIES SEE AGRICULTURAL SEEDS.

CAULIFLOWER

Chou-Fleur, Fr. *Blumen Kohl*, Gr.

One ounce will furnish about 1,000 plants.

Considerable care is necessary to keep up a supply of Cauliflowers from July to the end of the year. For early crops sow the seed in a gentle hot-bed about the middle of March, and for late crops sow in the open ground in May or June, and transplant like winter cabbage in rows two and a half feet apart and two feet between each plant. A deep rich loam is the best to produce satisfactory crops of this favorite vegetable. In dry weather water frequently with liquid manure, and as they advance in growth hoe deep and draw the earth to the stems; as they begin to head, water frequently and keep the soil open by deep hoeing, and break the large leaves over the flower to protect it from the sun and rain. On the approach of frost the plants which have not been headed may be planted out in a cellar, where they can be aired in mild weather, when they will form fine heads.

Bruce's Autumn King—In appearance it has some of the characteristics of the Autumn Giant, but it is dwarfer, earlier, and the heads are of immense size, solid, and white as snow. Pkt. 5c, oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Le Normand's Short Stemmed—A variety producing large, white, compact heads, from nine to twelve inches in diameter. Pkt. 5c, oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Autumn Giant—Heads pearly white, large, firm and compact. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼lb. $1.50.

Early Snowball—A well known extra early variety. It is also one of the best for late summer and fall crop, heads pure white, large, solid, and of extra quality; a sure header. Half pkt. 15c, pkt. 25c, ¼ oz. 75c, ½ oz. $1.40, oz. $2.50, 2 oz. $4.50, ¼ lb. $8.00.

Large Walcheren—A very large variety; sure header. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

Extra Early Paris—Heads medium size. Pkt. 5c, oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Bruce's Selected Erfurt.

Bruce's Selected Early Dwarf Erfurt—It is now 28 years since we first introduced this famous strain of Erfurt Cauliflower, and year after year it has become more popular until leading market gardeners in every section of the Dominion now grow it entirely, having discarded all the older varieties, as they found our strain of Erfurt to be the surest heading and altogether the most profitable sort for market purposes. On account of its dwarf and compact habit the plants may be set 20 to 22 inches each way, so that from 12 to 14 thousand can be placed on an acre. For pickling it is the standard variety; in the compact and solid texture of the snow-white heads, combined with its delicious flavor, it surpasses all other sorts. We obtain our supply of seeds direct from our growers, with whom we have a standing contract to deliver a stated quantity for each season, and knowing the scrupulous care exercised in the selection of only the purest and finest heads for seed purposes, have no hesitation in stating for purity it is not surpassed by any other variety, no matter under what name it may be offered. ½ pkt. 15c, pkt. 25c, ¼ oz. 85c, ½ oz. $1.50, 1 oz. $2.75, 2 oz. $5.00, ¼ lb. $9.00.

CELERY. *Celeri*, Fr. *Sellerie*, Gr.

One ounce will furnish about twenty-five hundred plants.

For early crops sow the seed in hot-beds during March, and when three inches high transplant into a well-prepared bed, and protect with boards or mats in frosty weather. For late crops sow in April. When up to the above size transplant into a bed, 3 inches apart, and when about six inches high plant six inches apart into trenches for blanching; dig the trenches four feet apart and fifteen inches wide, and ten inches deep; fill in four or five inches of well rotted manure, and mix it thoroughly half a spade deep with earth at the bottom. The tops and roots of the plants should be shortened, and the suckers pinched off before they are planted; give a good watering after planting; to blanch, earth up two or three times during their growth, holding the leaves close with the hand while the earth is drawn up, taking care that none of it falls into the centre of the plant. Celery, like Asparagus, is wonderfully improved by superior culture.

Paris Golden Yellow Large Solid Bruce's Selected—This fine variety, introduced by us in 1882, has now become the standard variety for general use. The stalks grow vigorously, with large ribs very thickly and closely set. It is self-blanching to a very remarkable degree. The heart is of a beautiful golden yellow color, very large, crisp and solid. Unlike other self-blanching varieties, it is an extra good keeper—keeping well all winter—and of the finest sweet flavor. On the market stall or table it is unequalled in handsome and striking appearance. Pkt. 10c, ½ oz. 30c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Paris Rose Ribbed—This handsome variety is practically identical with the Paris Golden Yellow, except that the naturally golden colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color when blanched. The plant is dwarf and heavy; the stalks broad, solid and brittle; while possessing the crispness, rich and nutty flavor for which red celeries are noted. Pkt. 10c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Giant White Pascal—This is the largest Celery grown as regards width and thickness of stalks. When fully grown the outer stalks average two inches wide, are unusually thick, and always crisp and brittle, snapping like glass, and of fine flavor. A very vigorous grower and a good keeper. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Perfection Heartwell—One of the best for winter use; quality extra. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Giant Pascal Celery.

CELERY—Continued.

Syer's Triumph—Of local origin. This splendid half dwarf variety is remarkable for its keeping qualities, remaining in splendid condition all through the winter and into the spring. The stalks, which blanch readily to a pearly white, are broad and solid, very crisp, and of the finest flavor. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Fin de Siecle—One of the largest, hardiest, solidest, crispiest, best keeping and best shipping winter celeries. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

White Plume—The stalk and portions of the inner leaves and heart are naturally white. Its eating qualities are equal to the very best, being crisp, solid, and of pleasing flavor, while the white feathery-like foliage places it ahead of others as a table ornament. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Pink Plume—This is practically identical with the well known "White Plume," but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness and rich, nutty flavor for which red celeries are noted. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Bruce's Hamilton Red—This is the best of the red celeries, its distinctive features being its size, superior flavor and long keeping qualities. It grows about two feet high, stalks unusually broad, thick and crisp. Pkt. 10c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Winter Queen—It is claimed to be the most valuable variety for winter and spring use ever introduced and worthy of first place as a late variety. The plant is of a stocky and robust habit, and with double the amount of heart of any known Celery, and when blanched is a beautiful cream white. Ribs perfectly solid, crisp and of delicious nutty flavor. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼lb. 75c, lb. $2.75.

Perle le Grand—It has a beautiful full golden heart and rich, nutty flavor, and is extremely showy and saleable. It is not only a good early celery, being amongst the first fit to use, but also valuable as a winter keeper, remaining, when properly trenched, in perfect condition away into the spring. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Turnip Rooted or Celeriac—Has edible roots which are used for soups, etc. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Celery Seed—For flavoring soups, etc. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Celery Plants—All the leading varieties, 75c per 100 here. Special prices for large quantities.

New Peep-O'-Day Corn.

CORN, SWEET OR SUGAR

When Corn is sent by mail add postage at the rate of 5c per pint within the Dominion of Canada, and 16c per pint to Newfoundland and the United States.

One pint will plant 100 hills. One peck (about 12 lbs.) for an acre. Plant in hills three feet apart each way, and three or four grains in a hill. Hoe often and draw the soil to the stems; plant about the middle of May, and for a succession every two weeks until July.

New Peep O' Day—Of extraordinary earliness and unparalleled sweetness, surpassing in these particulars any other known variety early or late. The early varieties of sweet corn do not as a rule yield as heavily as the late sorts, but Peep O' Day not only surpasses in this particular all other varieties, but all late varieties as well. The stalks bear from two to five ears, and the growth being dwarf—about 4 feet—admits of very close planting. Pkt. 10c, pint 15c, quart 25c, peck $1.50.

Premo—Extra early, combining all the merits of the leading early varieties, but superior to them all in size, yield and quality. The stalks are about five feet high and are very vigorous, bearing two well-developed ears to a stalk. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

The Cory—This has now become the standard first crop variety with gardeners and market growers. The ears are of good size and quality. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Early White Cory—A selection from Cory, of the same character in all respects except that it has a white cob and kernel. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Early Minnesota—A well known early variety of finest quality. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Crosby's Early—Rich sugary flavor, very productive. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Perry's Hybrid—An early variety, nearly as early as Minnesota, and ears much larger, each containing from 12 to 14 rows of kernels. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Premo Sweet Corn.

CORN, SWEET—Continued.

Kendel's Early Giant—A second early variety, maturing several days ahead of Crosby, ears average eight to ten inches in length, with ten or more rows of large grains of rich savory flavor. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Shaker's Large Early—A superior early variety, with large well-filled ears ; kernels are of pearly whiteness and most delicious flavor. It is ready to market one week after Crosby's, while the ears are very much larger. Pkt. 5c, pt. 10c, qt. 20c, pk. $1.20.

Improved Hickox—A second early, ears nearly as large as Mammoth, more productive, and is largely grown for canning by the leading factories in Canada and the United States. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Old Colony—A fine second early ; a little later than Crosby's, but of stronger growth, and producing large ears of splendid quality. A fine canning variety. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Country Gentleman—An exceptionally productive variety, bearing three to five ears on the stalk, and of the finest quality. The cob is very small, giving great depth to the kernels, which are of pearly whiteness, sweet and tender. Matures a little before Stowell's Evergreen. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Selected Stowell's Evergreen—A standard variety, remaining green longer than any other kind. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Mammoth—A late variety and the largest of all, productive and fine flavored. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Black Mexican—A medium early, highly esteemed by many on account of its remarkable sweetness. Ears large, well filled with eight rows of large grains, which are a deep bluish purple. Pkt. 5c, pint 10c, quart 20c, peck $1.20.

Parching or Pop—Several varieties ; red, black, white, etc. Per lb. 10c, 10 lbs. 75c, shelled.

CHICORY

Chicoree Sauvage, Fr. *Chichorie*, Gr.

It may be sown and treated in the same manner as Carrots. Used to mix with or as a substitute for coffee.

Large Rooted or Coffee—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

CORN SALAD

Mache, Fr. *Ackersalat*, Gr.

Sow the seed early in September, thickly, in shallow drills 6 inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

CURLED CHERVIL

Cerfeuil, Fr. *Kerbel*, Gr.

Cultivate and use like Parsley, sow at any time in the spring in shallow drills one foot apart. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

CRESS OR PEPPER GRASS

Cresson, Fr. *Kresse*, Gr.

The curled and broad leaved varieties sow thickly in shallow drills every two weeks throughout the season ; give occasional waterings in dry weather. The Water Cress is an acquatic plant, with small oval leaves and prostrate habit. Sow the seed in a well-prepared bed and when rooted transplant to the banks of a running stream.

Extra Curled—The best for salads. Pkt. 5c, oz. 10c. ¼ lb. 15c, lb. 40c.

True Water—Pkt. 10c, oz. 50c, 2 oz. 85c, ¼ lb. $1.50.

CUCUMBER

Concombre, Fr. *Gurke*, Gr.

One ounce will plant fifty hills. Two or three pounds for one acre.

Open Air Culture—For general crops, plant from the middle of May to the middle of June, in hills five feet apart each way, elevating the hills a little above the level of the ground. Put eight or ten seeds in each hill and cover them half an inch deep with fine soil, and press the earth a little over the seeds with the back of the hoe; keep the ground loose and clear of weeds, and in dry weather water occasionally; after they have obtained a vigorous growth, and the danger from insects is over, they should be thinned out, leaving four thrifty plants in a hill.

Emerald Cucumber.

New Ideal Pickling—For description see Novelties, page 4.

Cumberland—Of the hardy, white spine type, it is a rapid, strong and vigorous grower and very prolific in fruit, and during the whole period of growth from the time they first set until fully grown the form is exceptionally straight and symmetrical, thus being as fine a slicing variety as a pickling one. The flesh is firm but very crisp and tender at all stages. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.25.

Emerald—Its fruit sets early, and its vigorous vines abound in long, straight, handsome fruits, the flesh being peculiarly crisp and tender, and the vor delicate. Highly recommended as a slicer. It is equally good for pickles. For long distance shipping it will prove a boon on account of holding its deep green so much longer than most other sorts. As an all-purpose, table or market variety it cannot be surpassed. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Early Russian—Fruit from three to four inches long and an inch and half in diameter. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

Early Cluster—A very popular early Cucumber, producing its fruit in clusters. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

Early White Spine—The leading variety for early market; uniform in size, averaging 6 to 7 inches in length; straight and of a rich dark green color; flesh white, crisp, solid and of fine flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

Arlington, or Improved Early White Spine—A very fine large fruited early strain, largely used for forcing by market gardeners; it is equally desirable as a garden or market variety, planted in the open ground. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

Chicago Pickling.

Paris Pickling—Fruits slim and slender, 3 to 5 inches in length, crisp and brittle, snap freely, and when ready for pickling show no signs of seeds. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Everbearing—Very early, small size and enormously productive and valuable as a green pickler. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.25.

Giant Pera—The green cucumbers are fit to eat at any stage of growth, the flesh is very clear, crisp and brittle, and of fine flavor; fruit from 12 to 15 inches in length. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.50.

Japanese Climbing—Fruit of medium size, well-formed, and of dark green color; flesh very thick and of exquisite flavor. It can be grown as an ordinary ridge cucumber, or as a climber. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.50.

West India Gherkins or Burr—Used only for pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼lb. 45c, lb $1.50.

English Gherkins—For pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.50.

Stockwood Ridge—A black spined variety, 12 to 18 inches long. Pkt. 5c, oz. 50c.

Boston Pickling—A popular pickling variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

CUCUMBER—Continued.

Improved Long Green—Skin dark green, changing to yellow as the fruit approaches maturity; flesh white, somewhat seedy, but crisp, tender and fine flavored. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

Improved Chicago Pickling—A very prolific variety, combining all the qualities desired by those who raise cucumbers for commercial pickles. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

Green Prolific Pickling—A splendid variety, selected with great care by one of the largest growers of pickling cucumbers; 200,000 can be grown on an acre. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. $1.00.

FRAME OR GREENHOUSE VARIETIES.

Under Glass Culture in Small Pots—Sow from middle of January, in soil that is slightly moist, and give little or no water until the seeds have germinated; when grown to three leaves plant out in previously prepared, loose rich soil. In forcing the night temperature should not be allowed to sink below 60 degrees, and the day heat should range from 70 to 80 degrees. Admit air in all mild weather.

Lockie's Perfection—A beautiful green, of medium length, and of unsurpassed flavor; a wonderful cropper. Pkt. 25c.

Telegraph—(Rollison's)—Dark green in color; quick in growth, handsome and unusually prolific. One of the most reliable sorts. Pkt. 25c.

Tender and True—Free bearing; flavor excellent; fine for market. Pkt. 25c.

ENDIVE. *Chicoree* Fr. *Endivie*, Gr.

Sow middle of July, in drills or beds; when up, thin out to stand twelve inches apart; when the leaves are six to eight inches long, blanch them by gathering the leaves in the hand and tying them together near the top with matting. It is highly esteemed as a salad.

Green Curled—Very heavy; leaves dark green, tender and crisp. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.75.

White Curled—Leaves pale green; a good variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.75.

EGG PLANT. *Aubergine*, Fr. *Eirpflanze*, Gr.

Sow the seed thickly in a hot-bed in March, and plant out at the end of May in a rich, warm piece of ground in rows two feet apart and one foot in the rows. They bear fruit when about fifteen inches high.

Egg Plant, "Black Beauty."

Burpee's Black Beauty—From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, as shown in the illustration. The skin is a rich lustrous purplish black. The fruits set freely and are ready to market early, so that the entire crop can be gathered before there is danger of frost. Pkt. 10c, ½ oz. 35c, oz. 60c, 2 oz. $1.00.

New York Improved Round Purple—The leading variety; very large and productive. Pkt. 10c, oz. 60c, 2 oz. $1.00, ¼ lb. $1.50, lb. $5.00.

Long Purple—Very hardy; early and productive. Pkt. 5c, oz. 40c, 2 oz. 60c, ¼ lb. $1.00, lb. $3.00.

GARLIC. *Ail*, Fr. *Lauch*, Gr.

Plant in rows 6 inches apart and about 2 inches deep; leave a foot between the rows; when the leaves turn yellow take up the crop. It is used extensively for seasoning pickles, etc.

Large Canadian Sets—¼lb. 15c, lb. 35c, pd. to Canadian points.

KOHL-RABI, TURNIP-ROOTED CABBAGE.

Chou Rave, Fr. *Kohl-Rabi*, Gr.

Early Purple Vienna—Pkt 5c, oz 15c, 2 oz 25c, ¼lb 45c, lb $1.50.

Early White Vienna—Pkt 5c, oz 15c, 2 oz 25c, ¼lb 45c, lb $1.50.

Leek.

LEEK. *Poireau*, Fr, *Porro*, Gr.

Sow early in spring, in drills or beds; when the plants are eight or ten inches high, transplant them in rows six inches apart and twelve inches between the rows. Plant at least six inches deep to have them well blanched. By many they are preferred to onions for soups, etc.

Extra Large Carentan—Very hardy ; extraordinary size. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

LETTUCE. *Laitue*, Fr. *Lattich*, Gr.

One ounce will sow a row of 100 feet.

For early use, sow in hot-beds in February, and for general use as early in the spring as the ground can be worked, in a well-prepared bed or drills; thin or transplant to one foot apart for heading. A sowing should be made at intervals throughout the season for succession.

New Unrivalled—This new variety is an improvement on the Big Boston, and produces a fine, large solid head. A splendid variety for forcing in cold frames, and also desirable for out-door planting. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Grand Rapids—This variety is best adapted for forcing. Leaves medium size, of light yellowish-green color, much crimped and frilled ; forms a fair-sized but loose head, crisp and of good quality. Owing to its upright habit it may be planted very closely. A good shipper. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Hamilton Market—Heads large and solid. Color, yellowish green, suitable for forcing and open air cultivation. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Bruce's Nonpareil Cabbage—This well-known variety has proved itself during the past 40 years to be one of the best Lettuces for outdoor cultivation, and for forcing in the greenhouse it has no equal; in color it is a beautiful yellowish-green, the heads being large, solid, and of finest quality. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

The Gardener's Favorite—A standard variety for early forcing or outdoor cultivation; crisp, sweet and tender. Color yellowish-green, heads large and solid. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Hanson—A well known variety; heads large and of finest quality. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Early Curled Silesia—Very early and good for forcing. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Black Seeded Simpson—One of the best forcing varieties. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Extra Early Ohio—Oval shaped heads, solid, sweet and crisp. A good variety for forcing. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Boston Market or Tennis Ball—One of the earliest, heads small, solid, crisp, and fine flavored. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Brown Dutch—Very hardy, one of the very best for winter use. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Bruce's Nonpareil Lettuce.

Detroit Market Gardeners' Forcing—Seed white. A variety quite similar to the Grand Rapids in general character, but it will stand higher temperature and so can be crowded to maturity a little quicker. The leaves are not quite so tender and brittle as those of the Grand Rapids. Pkt. 5c, 1 oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Big Boston—Resembles the popular Boston Market, but is nearly twice as large ; desirable for forcing in frames and for out-door planting. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Paris White Cos—The finest form of lettuce of the Cos type. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.50.

Large Hackensack Melon.

MUSK MELON. *Melon*. Fr. *Melone*, Gr.

One ounce will plant about 60 hills ; 3 pounds to the acre.

Culture—Plant middle of May, in hills six feet apart each way, eight to ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good melons the hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity of best decomposed manure, and mix well with soil, filling a little above the level. Seeds should not be put into the hills until the weather becomes settled and warm.

The Grand—(New)—For description see page 2.

Emerald Gem—A splendid variety for gardeners on account of its great earliness and luscious flavor. Skin, while ribbed, is smooth, of an emerald green color ; flesh salmon and rind thin; melons of fair size. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $1.75.

Unsworth's Perfect Musk Melon

This fine variety is of local origin, and in this vicinity, where melons are grown on an extensive scale for shipment to other markets, it is the favorite of the planter as well as the consumer. It is a finely netted green flesh melon of the Hackensack type, and combines all the qualities necessary in a first-class market fruit, being early, productive, of exquisite flavor and handsome appearance, and when exhibited for sale on a fruit stand the purchaser requires no other evidence than their aroma to convince them that they are getting a perfect melon. It is very important to those who grow melons for sale to get their fruit early on the market; and the system usually adopted by growers in this locality is to sow the seeds in hot beds about the 15th of May and plant them in the open ground the beginning of June, and as the seeds are placed in sod the roots are not disturbed when transplanting. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $1.75.

Large Hackensack—A standard variety. The melons weigh from 4 to 10 pounds each, and are of a delicious flavor. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Extra Early Hackensack—This variety resembles the Large Hackensack, but is smaller and about ten days earlier. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Long Island Beauty—This splendid variety is an improvement on the Hackensack, which it resembles to a certain degree. It is one of the earliest melons grown, good size, flattish in shape, well netted, and has sweet green thick flesh of delicious flavor. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Montreal Improved Green Nutmeg—This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting, and exquisite flavor. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼lb. 50c, lb. $1.50.

Rocky Ford—This fine extra early variety is largely grown in Colorado and shipped by the carload to the eastern cities. The flesh is light green in color, very juicy and rich. It is medium in size, of round form, and a good keeper. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Jersey Belle—Medium size, finely netted, green flesh, best for light soils. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Paul Rose—The flesh is salmon in color, extra deep, and of the most delicious flavor. They are wonderfully uniform in size and appearance, the average weight being 1½ lbs. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

The Princess—Fruit nearly round, with heavily netted dark green skin; the flesh is of a rich salmon color, and the flavor is sweet beyond description. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Osage or Miller's Cream—Flesh is a rich salmon color, very thick, sweet, rich and delicious. It has a thin rind, finely netted ; a vigorous grower and very productive. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Grand Rapids—A splendid extra early variety of large size and handsome appearance; skin finely netted, flesh salmon. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

WATER MELON

Melone d'eau, Fr. *Wasser Melone*, Gr.

One ounce for every 30 hills ; 4 to 5 lbs. per acre.

The Water Melon is purely a tropical plant, greatly appreciated for its refreshing coolness and delicious flavor. Cultivate same as musk varieties, only that the hills should be 8 feet apart each way.

Peerless—An extra early variety of medium size, thin rind, light mottled green; flesh bright scarlet. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Cole's Early—Early, hardy, and a sure cropper, of medium size, nearly round, flesh dark red. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Phinney's Early—An early, hardy and productive red fleshed variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Cuban Queen—Flesh bright red, remarkably solid, crisp and sugary, and for delicious flavor is unsurpassed. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Sweetheart Water Melon.

Sweetheart—Early, uniformly large, handsome and productive. As a shipper and long keeper it has no equal. Fruit is oval, heavy, and mottled light green. Flesh bright red, firm and solid, but very tender. A profitable variety for market gardeners. Pkt. 5c, oz. 10c, [illegible] oz. 15c, ¼lb. 25c, lb. 90c.

Dixie Water Melon.

Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities, and fully equalling the latter in fine eating quality and flavor, being a week or ten days earlier than either. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

The Boss—Oblong in shape, skin dark green, flesh deep scarlet and of rich flavor ; early, heavy, productive and a good shipper ; a favorite with market growers. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Citron, Colorado Preserving—Of large size, very productive and excellent quality. Green seed. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Water Melon—Continued.

Kleckley Sweets—Large oblong Melons 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The white seeds are placed close to the rind. Flesh crisp and sugary and melting in the highest degree ; of handsome appearance and most uniformly superior quality ; it is the "sweetest of all" large Water Melons. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Hungarian Honey—This is the most luscious variety known, and at the same time ripens early ; is of good size, perfectly round and productive; skin a handsome medium dark green, flesh bright red. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Black Boulder—Nearly round, of immense size and great productiveness. Its color, a rich, dark, glossy green, almost black, makes it very attractive ; the flesh is deep scarlet, sweet and juicy. A splendid shipper and all round good melon. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Kolb's Gem or American Champion—It attains a weight of from 25 to 50 lbs. Its flavor and its keeping qualities are the best. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

Citron—Fruit round, flesh white and solid; used for making preserves only. Red seed. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

MUSHROOM SPAWN

Blanc Champignon, Fr. *Essbare Blatter Schwamme*, Gr.

Mushroom Spawn.

Mushrooms can be grown in any cool, shady situation out of doors in the summer time, and during the winter months in any greenhouse, shed or cellar where the temperature does not fall below 45 deg. and is tolerably uniform. They are possibly the most profitable crop for the outlay that can be grown. The spawn we offer can be thoroughly relied on to produce a good crop of the best mushrooms.

Directions for cultivation accompany each order.

Lambert's Pure Culture Spawn—For description of this new American spawn see page 2.

Fresh English Milltrack Spawn in bricks, 15c each ; five for 70c, 12 for $1.50. If to be sent by mail add 8c a brick for postage within the Dominion of Canada, and 25c to Newfoundland and the United States.

French Virgin Spawn—The idea of raising virgin spawn by sowing the spores of the best mushrooms has occurred to many minds, but all endeavors remained fruitless until Dr. Repin, after countless experiments succeeded six years ago in manufacturing virgin spawn at will. This virgin spawn is characterized by its great vigor of growth, and being raised from spores of the best and healthiest Mushrooms, it does not contain any of the bacterial or other organisms which may be prevalent in spawn that has not been manufactured and sterilized by this new process. It therefore is not so liable to be attacked by disease, a consideration which alone possesses a high degree of interest and does away with one of the great drawbacks in Mushroom growing. It is sold in the form of compressed and sterilized manure slabs or tablets, thoroughly pervaded by the spawn, and which are 1½ inches thick and 2¾ x 3¾ inches in surface. 15c tablet, $1.20 a dozen. If by mail add 10c dozen to Canadian Points and 25c dozen to Newfoundland and the United States.

MUSTARD. *Moutarde*, Fr. *Senf*, Gr.

For early salad sow in hot beds in February and March; and for general crops at intervals throughout the season in shallow drills 6 inches apart. **White** for salad, pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

ONION. *Ognon*, Fr. *Zwiebel*, Gr.

One ounce will sow a row of 100 feet ; 5 lbs. to the acre.

Onion seed is sown from the first of April to the middle of May—the earlier the better—provided the ground is light enough to work dry and fine. Rich soil, with a good application of manure every year, and proper attention, will almost invariably ensure a good crop. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time. Onion sets and tops are placed on the surface in shallow 12 inch drills, about four inches apart, but not covered.

Extra Early Australian Yellow Globe—A new yellow strain of the popular Australian Brown Onion. The bulbs are globe shaped, of medium size, and very solid ; skin a light brownish yellow. The flesh is pure white and exceptionally mild in flavor. Thin necked, they ripen evenly and quickly in all soils and possess remarkable keeping qualities Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Australian Brown—Of good marketable size. It ripens earlier than Yellow Danvers or Red Wethersfield. The outside skin is of a deep, amber brown, distinct from all other onions, and it is extremely hard and firm, and of fine flavor, and is pronounced the best keeper of all onions. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Southport Yellow Globe—The handsomest of American varieties, perfect shape, large, solid, splendid yielder and keeper. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼lb. 80c, lb. $3.00.

Danvers Yellow Globe—Bruce's Selected, a fine variety; above the medium size, globular in form, skin yellowish brown, flesh white; mild and well flavored; very productive. Most profitable variety for market gardeners to grow. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼lb. 70c, lb. $2.40.

Danvers Yellow Flat—In quality equal to the preceding, but flat in shape. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Yellow Dutch or Strasburg—Very flat and productive. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Southport Red Globe—Skin deep red, flesh white; mild and tender; handsome in appearance. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 70c, lb. $2.50.

Extra Early Flat Red—Resembles the Wethersfield in color, but is much earlier; valuable for heavy late soils. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Large Red Wethersfield—Skin deep purplish red; flesh purplish white; fine grained and stronger flavor than that of the yellow and early red varieties; productive, and one of the best to keep. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

White Globe—A large, globe shaped variety ; very solid, of mild flavor and good keeper ; clear white skin, and always commands the highest market price. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 70c, lb. $2.40.

White Portugal—Large flat onion ; mild flavor ; fine for early winter use. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 70c, lb. $2.40.

Welsh, Red or White—Used for salads. Sow the seeds of this variety in August. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.50.

NEAPOLITAN ONIONS.

Mammoth Silver King—An extra large white-skinned and white fleshed variety. It matures early. In shape somewhat flat and of an exceedingly mild and delicate flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Giant Rocca—Large globular shaped, light brown skin. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼lb. 45c, lb. $1.50

ONIONS—Continued.

Giant Prizetaker—American grown. This variety may be grown to an enormous size by sowing the seed in a hot-bed in February or March and transplanting out as soon as the ground is in condition. Some of our customers exhibiting specimens weighing as much as 3 lbs. each, and measuring 18 inches in circumference. Globe shaped, of a rich straw color, solid, and an excellent keeper; flesh white, in flavor mild and sweet. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.25.

Giant White Tripoli—Large and handsome. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.70.

PICKLING ONIONS.

Small Silver Skin Pickling—A standard variety; largely grown for pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.70.

White Barletta Onion—An extra early, small, white skinned variety; flesh pure white; very mild in flavor; excellent for pickling. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Queen—This is another extra early variety; small, flat and mild flavored. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Giant Prizetaker Onion.

ONION SETS

When wanted in large quantities write for special quotations.

English Potato		Per qt. 15c
White Potato	We give Heaped Measure.	" 20c
Dutch Sets—White		" 20c
Dutch Sets—Yellow		" 15c
Shallots		" 15c
Top or Button		" 20c

When sets are to be mailed, postage must be added at the rate of 10c per quart, within the Dominion of Canada, and 25c per quart to Newfoundland and the United States.

Hollow Crown Parsnip

OKRA. *Gombo*, Fr. *Safran*. Gr.

Plant late in the spring (after the ground has become warm), in drills two and a half feet apart; thin out to nine inches in the row. Use the pods when green and tender.

Dwarf Green—Round smooth pods. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

PARSNIP. *Panais*, Fr. *Pastinake*, Gr.

Champion Moss Curled Parsley.

Sow as early as the ground will permit in very rich, loamy soil, in rows fifteen inches apart, and thin to seven inches in the row. The roots are very hardy, and are greatly improved by remaining in ground through winter.

Bruce's Improved Hollow Crown—A decided improvement on the old variety; roots finely shaped and flavor excellent. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

The Student—Well known variety, fine flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

PARSLEY. *Persil*, Fr. *Petersilie*, Gr.

Sow early in the spring in drills 12 inches apart, thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Extra Curled—Leaves beautifully curled. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Champion Moss Curled—This is the perfection of Parsley. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 35c, lb. $1.00.

Carter's Fern Leaved—Invaluable for garnishing. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 35c, lb. $1.00.

HAZELTINE'S HAND WEEDER, EXCELLENT FOR WEEDING ONIONS, 30c. POSTPAID.

To those requiring Onion Seed in quantity we will be pleased to quote special prices on application.

Mammoth Salsify.

RHUBARB. *Rhubarbe*, Fr. *Rhabarber*, Gr.

Sow early in spring, in rows twelve inches apart; the following spring transplant into rows two feet apart each way; manure the ground to the depth of two feet. In raising rhubarb from seed no reliance can be placed on their producing the true varieties; the most expeditious and satisfactory mode to obtain a supply is to procure roots which will produce a moderate supply the first season.

Victoria—Very large, fine for cooking. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Myatt's Linnaeus—Very early and tender. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Rhubarb Roots, each 20c, three for 50c, $2.00 per dozen, postpaid.

SEA KALE. *Crambe Maritime*, Fr. *Meerkohl*, Gr.

Sow in drills one foot apart and thin out to four inches in the row. When one year old transplant into hills eighteen inches apart and three plants to each hill. On approach of frost cover about two feet thick with dried leaves. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.50.

SALSIFY OR VEGETABLE OYSTER.

Sow early in spring in drills twelve inches apart, one inch deep, and thin out to six inches in the row; cultivate similar to Carrots and Parsnips. They are quite hardy and will stand the winter in open ground.

Mammoth Sandwich Island—Roots are very large and of excellent quality. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $1.75.

Long White—Standard variety. Pkt 5c, oz 15c, 2 oz 25c, ¼lb 45c, lb. $1.50.

SPINACE. *Epinard*, Fr. *Spinat*, Gr.

One ounce will sow a row of 100 feet; 10 to 12 pounds for an acre.

Sow early in spring, in drills one foot apart, and thin out to six inches in the row. Rich, light soil is requisite to produce large, tender leaves. For winter crop sow end of August; cover lightly with clean straw; soak the seed six hours before sowing.

✓**Victoria**—The foliage is heavy, the broad dark green leaves being of the true Savoy appearance and the finest quality. It remains in prime condition from 2 to 3 weeks after all other varieties have run to seed. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

✓**Monstrous Viroflay**—Extra large round leaved variety, with thick, succulent leaves. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

✓**Catillon Long Standing**—A variety with large, thick, succulent leaves, which does not run to seed as quickly as other sorts. One of the best for market gardeners to grow. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

✓**Fall or Prickly Seeded**—Leaves long, thin in texture, and erect. Pkt. 5c., oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

✓**New Zealand**—Produces leaves of the greatest succulency in the hottest weather. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Monstrous Viroflay Spinage.

One ounce for fifty hills. **SQUASH.** *Courge*, Fr. *Speise Kurbis*, Gr.

Any good enriched soil is adapted to the growth of Squashes. They only thrive well in a warm temperature, as all the varieties are tender annuals, and the seeds should not be sown in spring until all danger from frost is passed and the ground is warm and thoroughly settled. The hills should be made from 8 to 10 inches deep, manured well and the seeds covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants in a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it facilitates the formation of fruitful laterals and the early maturing of fruit.

Yellow Summer Crookneck—One of the finest of summer varieties. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.

Early White Scallop Bush—Early flat, scalloped shaped, fine grained. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Early Yellow Scallop Bush—Same price as White.

Golden Custard—An improved Early Yellow Scallop Squash, of true bush growth and nearly as early. The fruits are much larger and have a rich golden orange skin, as well as rich creamy yellow flesh; very productive. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Vegetable Marrow, Moore's Cream—Skin greenish yellow; flesh white, soft, rich flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Long White Bush Marrow—The fruit of this bush variety is similar in size and color to the preceding. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼lb. 60c, lb. $1.75

Warted Hubbard—A variety of the Hubbard Squash, with warted skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt. 5c., oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

The Faxon—Fine flavored and wonderfully productive; of medium size and varying in color; flesh deep orange yellow; matures early and can e used as a summer squash as well as for winter. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Perfect Gem—Excellent both as a summer and winter variety. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

SQUASH—Continued.

Boston Marrow—A very popular variety, productive, and a good keeper. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Mammoth—Grows to a great size, often weighing 200 lbs; good for stock. Pkt. 10c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $1.75.

Mammoth Whale—Very prolific, flesh solid, of an orange yellow color, and of excellent quality. Specimens have grown 3 feet long and weighed 100 pounds. A splendid winter keeper and well worth a trial. Pkt. 10c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.50.

Essex Hybrid or Turban—A cross between the Hubbard and Turban, with color, shape and quality of the latter, and dryness and hard shell of the former. The flesh is sweet and thick, and a bright orange color; long keeper. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Long White English Marrow—A very long, pure white marrow of the finest quality; very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $1.75.

Fordhook—A winter variety, oblong in shape, color a bright yellow. The flesh is dry, sweet, and of the finest quality; very productive; remarkable keeper; skin thin, delicate, meat thick, seed cavity small, a most desirable variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Giant Green Crook Neck—A Neapolitan variety of unique size, 4 to 6 feet in length, and weighing up to 100 lbs. Seed cavity small and confined to the larger end of the fruit. Finely grained orange colored flesh of the most delicious flavor, a splendid keeper. Pkt. 10c, oz. 30c, 2 oz. 50c.

Hubbard—The standard winter Squash, color dark green, shell hard, flesh dry, fine grained and sweet. Excellent keeper. Pkt. 5c, oz, 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Red or Golden Hubbard—While it resembles the old green hubbard in shape and size it is much more attractive in appearance; color a rich orange yellow, turning to a deep salmon red when ripened. Its keeping qualities are fully equal too, while in productiveness it excels the green variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

TOMATO. *Tomate*, Fr. *Liebes Apfel*, Gr.

For early crops sow the seed in a hot-bed in March; when two inches high transplant into pots or into another bed, and attend them carefully until all danger from frost is past, then plant in hills four feet apart in a sheltered situation fully exposed to the sun, support them with brush to keep the fruit off the ground. This is a vegetable worthy of the most extensive cultivation. Two ounces of seed will produce enough plants for an acre.

Bruce's Dominion Day Tomato—Re-Selected.

Bruce's Re-Selected Dominion Day—In 1897 we named and introduced this fine tomato. Since then it has given the most general satisfaction and has proved an exceptionally profitable early market variety. This season we offer a new selection, which while combining all the good points of the old strain will be fully a week earlier. It combines with its extreme earliness, large size, magnificent color (a bright red) and delicious flavor. It is not liable to crack, is free from core, is almost smooth, and a great yielder. Its qualification of extreme earliness makes it very valuable, and the largest growers have confirmed our estimate of its value by planting it very extensively. Pkt. 5c, ½ oz. 20c, oz. 35c, 2 oz. 60c, ¼ lb $1.10, lb. $4.00.

June Pink—See Novelties, page 2.

Early Michigan—Fruit medium size to large; perfectly smooth, solid; deep, rich red color, and of excellent flavor. Its first fruits are very early, but the vines continue to bear for a long time. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

Chalk's Early Jewel—Matures about a week later than Earliana, while the fruits are larger and heavier and produced in greater abundance; one of the most profitable tomatoes to grow for main crop; color bright red. Pkt. 5c, ½ oz. 20c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.75.

Atlantic Prize—Extra early, color bright red. Pkt. 5c, oz. 20c, 2 oz. 40c, ¼ lb. 70c, lb. $2.50.

Early Ruby—Extra early, medium size, color bright red. Pkt. 5c, oz. 20c, 2 oz. 40c, ¼ lb. 70c, lb. $2.50.

New Globe—See Novelties, page 2.

TOMATOES—Continued.

Earliana—Selected Stock—The earliest large tomato in the world. It is not only remarkable for its earliness, but for its large size, handsome shape, productiveness and beautiful red color. Its solidity and fine quality are unsurpassed by any of the best medium and late sorts. The fruit contains but few seeds, about one-fourth of that of other varieties, and for this reason the genuine seed can never be sold at a low price. Pkt. 5c, oz. 35c, 2 oz. 60c, ¼ lb. $1.10, lb. $4.00.

Success—A main crop variety, smooth and well formed. It has great meatiness and few seeds, is firm without being hard, and a splendid shipper; a brilliant red color and a big cropper. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

Royal Red—Main crop, very productive, of a rich deep red color, is deservedly popular with canners. Pkt 5c, oz 20c, 2 oz 35c, ¼lb 70c, lb $2.50.

Ponderosa—This monster variety is smooth, of dark crimson color, all solid meat and fine flavor. Specimens have weighed 2 lbs. each. Pkt. 10c, oz. 40c, 2 oz. 70c, ¼ lb. $1.25, lb. $4.00.

New Dwarf Stone—Resembles the Dwarf Champion in its stout, upright and compact growth, with fruit similar to the late Stone in color, shape and size; very solid; ripens evenly, and of splendid quality. Pkt. 5c, ½ oz. 20c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.75.

Ignotum—Very early and prolific; color fine deep red, fruit smooth, heavy and solid, and of delicate flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Favorite—It is a popular canning variety of a fine dark red color. Ripens evenly, is very prolific, good flavor, flesh solid, and bears shipping long distance. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.25.

Perfection—A well-known early variety, extensively grown for canning purposes; blood red color, perfectly smooth, ripens uniformly, is wonderfully productive. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.25.

The Stone—Large, bright scarlet, smooth and solid, ripens up to the stem without a crack; an excellent main crop variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.25.

Matchless—Of a rich, cardinal red color, large size, very uniform and smooth, and for quality and solidity it is hard to beat. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Dwarf Champion—Quite distinct in foliage and habit of growth, being compact and upright. Crop ripens very early and evenly. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

Imperial—Early, perfectly smooth, solid, and of the finest quality; in color a deep, rich red, tinted with purple. A handsome table variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Aristocrat—In habit, growth and foliage it resembles the Dwarf Champion. The color of its fruit, however, is a beautiful rich glossy red. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

Golden Queen—Handsome, round, early, productive. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Beauty—Large, dark crimson, tough skin, fine market variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.25.

Mikado—Very large, smooth and solid; skin purplish red; has distinct and fine foliage. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Lorillard—Splendid for forcing under glass. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

SMALL FRUITED TOMATOES.

The following varieties are useful for preserving and pickling:

Red and Yellow, Pear Shaped—Pkt. 5c, oz. 50c.

Yellow Plum—Pkt. 5c, oz. 50c.

Red and Yellow Cherry—Pkt. 5c, oz. 50c.

Strawberry or ground cherry—Fruit enclosed in a husk, excellent for preserves. Pkt. 5c, oz. 50c.

Peach—Resembles a peach in shape, size and color. Pkt. 5c, oz. 50c.

Plants of the leading varieties supplied. Prices on application.

TURNIP.

Navet, Fr. *Rube*, Gr.

For early crops sow as early in the spring as the ground can be worked, in drills 12 inches apart, and thin to 6 or 8 inches; for general crops sow to middle of August. They succeed best in light, rich soil.

Scarlet Kashmyr—A distinct variety of a deep rich crimson above, shading to a soft crimson rose below, and of excellent flavor. Is an extra early, strap-leaved variety, with large, smooth white-fleshed roots, of good keeping quality; smooth, thin, silky skin. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 80c.

Bruce's Early Nimble Dick—The earliest and most delicious table turnip in existence; bulbs medium size, flat; color pure white. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Early Flat White Dutch—Size medium, of quick growth, juicy, excellent quality. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Purple Top Strap Leaf—Flesh fine grained, rich and buttery flavored. Pkt. 5c, oz. 10c, 2 oz. 15c,

Extra Early White Milan—It grows with wonderful rapidity, and is the earliest White Turnip in cultivation. Of splendid qualitty, small top and single tap root; it is most attractive, with clear white skin and flesh fine grained and tender. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 80c.

Bruce's Golden Ball—Skin bright yellow, flesh firm, sweet and well flavored. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Early White Stone—A very fine variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 50c.

Laing's Improved Purple Top Swede—An excellent turnip for rich, free soils, very handsome, with a peculiar leaf and small top. Pkt. 5c, ¼ lb. 12c, lb. 35c.

White Swede—Flesh pure white, of extraordinary solidity and well flavored. Pkt. 5c, ¼ lb. 12c, lb. 30c.

Sweet Basil. Sage. Sweet Marjoram. Summer Savory. Thyme.

POT, SWEET AND MEDICINAL HERBS

Anise.....Per oz. 20	Caraway ....Per oz. 10	Horehound .. Per oz. 25	Rue ..... Per oz. 25
Balm..... 25	Catnip..... 60	Hyssop..... 25	Sage 15
Basil, Sweet..... 20	Coriander..... 10	Lavender..... 20	Savory, Summer.. 15
Basil, Bush 25	Dill..... 15	Marjoram, Sweet .. 15	Savory, Winter ... 20
Borage..... 25	Fennel, Sweet 15	Marjoram, Pot..... 50	Thyme..... 25
Belladonna 50	Fenugreek 15	Rosemary..... 40	Wormwood 25

IN PACKETS AT FIVE CENTS EACH.

TREE AND HEDGE SEEDS

Sow the seeds moderately thick in the spring, ust as soon as the ground is in good working condition, in beds 3 feet wide ; then draw the soil with the back of the rake from the center of the beds to a uniform depth of 2 inches. Keep the beds free from weeds, and when the seeds begin to germinate lightly cover the bed with pine boughs to shade the young plants from the sun. When all are up the boughs should be gradually removed in order to harden off the young plants ; during the first winter cover the beds with pine boughs to protect the young plants from the snow and sun. Let the plants remain in the beds from 2 to 3 years, and then transplant into rows two and a half feet apart, leaving 6 to 9 inches between each plant. Keep the ground clean and mellow, and when the plants are strong enough remove them to where they are intended to remain.

Norway Spruce.....	oz.	15c	lb.	$1 25
Scotch Fir	"	30c	"	2 50
Silver Fir.....	"	20c	"	1 50
Sugar Maple.....	"	20c	"	1 50
European Larch	"	30c	"	2 50
Austrian Fir.....	"	30c	"	2 50
Arbor Vitae	"	25c	"	2 00
Hemlock Spruce	"	50c	"	6 00
Mulberry White.....	"	30c	"	2 50
Black Walnuts			bush.	$2 00

Any of the above can be supplied at 10c per pkt.

Norway Spruce—We offer a large stock of transplanted stocky plants of the following sizes: 12 to 15 inches, $15.00 per 100; 18 to 24 inches, $20.00 per 100 ; 24 to 36 inches, $25.00 per 100 ; suitable for hedges and wind-breaks. Orders are requested to be sent in by the 1st of May.

SEEDS FOR HEDGES

Sow the following in the fall, if convenient. If sown in spring, soak the seeds in tepid milk or water forty-eight hours before sowing, which will assist the germination of the seeds. Sow in drills two feet apart, and when two years old transplant into rows two and a half feet apart and nine to twelve inches between each plant. Hoe frequently and keep free from weeds, and when two feet high transplant them to where you want them to remain.

Acacia Three Thorned or Honey Locust—(Gleditschia triacanthos)—Very hardy and effectual against man or beast. Admirably adapted for the prairies	oz.	10c	lb.	$0 50
Buckthorn—(Ramnus Catharticus)—Clean seed	"	20c	"	1 50
Osage Orange—(Maclura Aurantiaca)	"	15c	"	1 25
Berberry—(Berberis Vulgaris)—Very hardy, producing a fine compact hedge, also valuable for its fruit, which is excellent for preserving	"	20c	"	1 50

FRUIT SEEDS

Cherry Pits, Mahaleb and Mazzard. ..	lb.	$0 50		
Currant, Red, White and black.. ...	pkt.	10		
Gooseberry, Red, Yellow and Green ..	"	25		
Raspberry, Red and White..	"	10		
Strawberry, choice kind.....	"	25		
Apple Seeds	oz.	10c	lb.	$0 50
Pear Seeds.....	"	20c	"	1 50
Quince Seeds.....	"	15c	"	1 50
Peach Seeds.....			"	25
Plum Stones.....			"	30

BIRD SEEDS

Carefully cleaned, fresh and free from all impurities. Special prices in quantity.

Song Restorer.....	bottle,	$0 25		
Parrot Food.....	box	20		
Prepared Mocking Bird Food.. ..	tin	30		
Prepared Nestling Food.....	box	25		
Prepared Fish Food	box	15		
Moulting Pepper	box	25		
Manna or Bird Bread.....	cake	05		
Cuttle Fish Bone	oz. 5c,	lb. 50		
Canary			lb.	$0 10
Maw	¼ lb.	10c	"	25
Rape, German Sweet.....			"	10
Hemp			"	10
Millet			"	5
Sunflower			"	10
Mixed Bird Seed.....			"	8
Mixed Parrot Seed			"	10

Bird Sand, 1½ lb. packages, 5c ; 3 lb. packages, 10c.

Tree, Hedge and Fruit Seeds going by mail require postage to be added at the rate of 5c. per lb. to Canadian points, and 16c. per lb. to Newfoundland and the U. S. Bird Seeds require postage to be added at the rate of 16c. per lb. to Canada, Newfoundland and the U. S.

AGRICULTURAL SEEDS

Bruce's Giant Feeding Sugar Beet

In submitting our list of Farm Seeds we take pleasure in stating that our extensive stocks have been secured in excellent condition; they have, as usual, had the most careful supervision by our growers, from the time of planting until maturity, and may be depended upon to give satisfaction, when due allowance is made for any imperfections of weather, soil and cultivation. The large increase annually in our trade with the farmers in all portions of the Dominion is an evidence of the superiority of our stocks, and of the personal attention we give to the interests of those who have, without intermission, patronized us so liberally.

Sugar Beet, Field Carrot, Thousand Headed Kale, Mangel, Rape and Field Turnip, to be forwarded by mail requires postage to be added to Catalogue prices at the rate of 5c per lb. to all points in Canada, and 16c per lb. to Newfoundland and the United States.

SUGAR BEET

The demand for Sugar Beet Seed has more than doubled the past few years. Dairymen find when feeding to their cows a marked increase in the flow of milk and richness in butter which are not so apparent when using other cattle foods. Hogs may also be fed to advantage on Sugar Beets. Sow from middle of April to the first of June, in drills two feet apart, then thin to nine inches in the row. Five pounds seed per acre.

Bruce's Giant White Feeding Sugar Beet—This grand feeding beet, introduced by us lately, has found great favor with all who have grown it. It combines the fine rich qualities of the sugar beet with the long keeping, large size and heavy cropping qualities of the mangel. The roots are clean and tops small, white flesh, solid, tender and very sweet, and on account of the bigger part of its length growing out of the ground they are easily harvested. This variety is a heavier cropper than our Rose, but not quite so rich in sugar. A remarkable crop: Mr. James Jarvis, Burlington, Ont., from seed of Bruce's Giant White Feeding Beet grown on ¼ acre of exceptionally fine under-drained swamp land, harvested this past season 620 bushels, the average weight of the roots being about 20 lbs. each. A few monstrous specimens reached nearly double that weight. The roots are the largest, handsomest, most uniform and cleanest of all Sugar Beets, and this, combined with their richness and easy harvesting quality, makes them the "beau ideal" of a root for the farm. ¼ lb. 10c, lb. 25c, 4 lbs. 90c.

Bruce's Giant Rose Feeding Sugar—This has all the good qualities of the above variety, only differing in the color, which is rose outside, though the flesh is white, and the roots are barely as large or heavy as the White. It will easily outyield all the other kinds of Sugar Beets and comes very close to that of the heaviest yielding Mangels of the intermediate type. ¼ lb. 10c, lb. 25c, 4 lbs. for 90c.

Danish Improved—Remarkably productive in rich soil under good cultivation, nearly approaching in yield the standard varieties of Mangel Wurzel. Roots clean, well shaped, uniform in size, and of fine color. ¼ lb. 10c, lb. 20c, 4 lbs. for 75c.

White Silesian—(Lane's Improved)—Grows to a large size. ¼ lb. 10c, lb. 20c, 4 lbs. for 60c.

Red Top Silesian—Large and productive. ¼ lb. 10c, lb. 20c, 4 lbs. for 60c.

FIELD CARROT

This is an indispensable root for the farm, and is deserving of more general cultivation. They succeed best in sandy soils; will also do well on strong clay loams, when perfectly pulverized, well drained and free from weeds. Well managed, there is no crop pays better, and most farmers would find an acre or so desirable. Sow from the middle of April to the first of June, in drills 18 to 20 inches apart, and when about 3 inches high thin to 4 inches between each plant. Sow 3 pounds of seed to the acre.

Bruce's Mammoth Intermediate Smooth White—This grand half-long Carrot is somewhat longer than the White Vosges and more uniform in shape. The flesh is pure white, solid, of the finest quality. It is the most productive and easily harvested, a splendid keeper. This carrot is sold under numerous aliases; our name for it is simply descriptive of the appearance of the best of all Field Carrots. **We have every confidence in recommending it, and we know our strain to be the equal of anything offered. From the Farmers' Sun, December 11, 1901: "In the Ontario Experimental Union Tests, one of the striking features was that Bruce's Mammoth Intermediate Carrot gave a yield of 30¾ tons per acre—a yield in excess of any other variety of roots except Long Red Mangel."** ¼ lb. 15c, lb. 45c.

Bruce's Mammoth Intermediate Carrot.

Large White Vosges—The root is large and very thick at the shoulder, much shorter than the White Belgian, and thus more easily harvested; skin and flesh pure white; a wonderful cropper and of excellent feeding quality. ¼ lb. 15c, lb. 40c.

White Belgian (Improved)—A well known variety of fine quality, most profitable for field culture. ¼ lb. 10c, lb. 30c.

Intermediate Scarlet—Valuable for shallow soils. ¼lb. 20c, lb.55c

Long Orange Belgian—Superior in quality and a heavy cropper. ¼ lb. 15c, lb. 50c.

Long Orange—Large, fine quality. ¼ lb. 20c, lb. 55c.

Altringham—Long, deep red color. ¼ lb. 20c, lb. 55c.

MANGEL WURZEL—CHOICE SELECTED STOCKS

This is one of the most important crops cultivated for consumption on the farm, and in the vicinity of large towns is found to be a profitable crop for marketing. It is of easy culture. The weight of roots grown exceeds that of any other crop, and properly supplied to stock is perhaps the most valuable and nutritious. One of its best properties consists in its adaptation for long and safe storage, by which it is improved, as roots securely put into pits or cool cellars in October will come out in the early part of May containing more nutritive qualities than when put in, forming an admirable substitute for grass in a late season.

The heaviest crops of this root are invariably grown upon land which has been thoroughly cultivated and liberally manured.

The seeds should be drilled to secure uniform depth, at the rate of five to six pounds per acre. Sow from the middle of April to the first of June, in drills two and a half to three feet apart, and thin to 16 to 20 inches in rows. The intermediate, from its peculiar shape, may be allowed to stand closer than other varieties. For feeding milch cattle it stands unrivalled. An average crop is 30 tons, and on some of the sewage farms in England the enormous yield of 80 to 90 tons has been grown.

MANGEL WURZEL—LONG VARIETIES—SECTION 1.

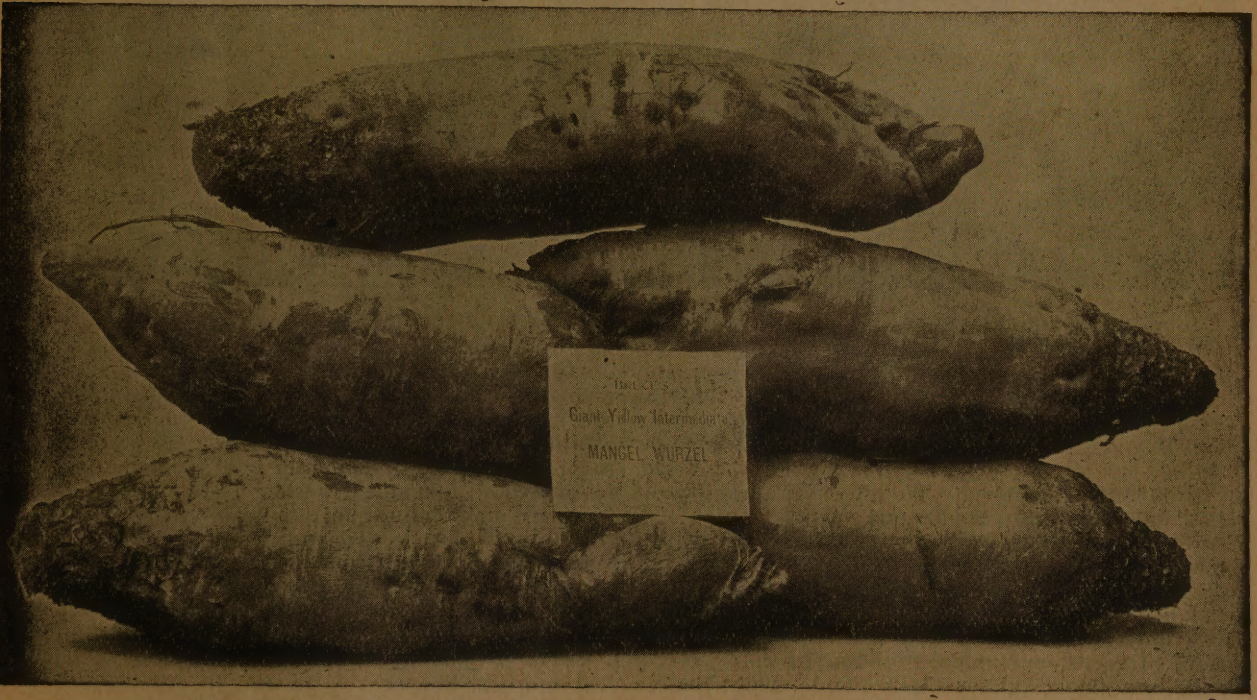
The following are the best adapted for deep, rich, loamy soil:

Bruce's Gate Post—A select stock of the Mammoth Long Red. Roots remarkably large, smooth, and perfect in shape. The most profitable of the Long Red varieties. Our stock cannot be excelled. Mr. T. Hines, Glanford, exhibited at Mount Hope Exhibition in 1902 six Bruce's Gate Post Mangels, grown from our seed, which weighed 197 lbs, one weighing 41 lbs. This, we think, is a record. **We recommend this splendid variety with the greatest confidence. In the trials at the Central Experimental Farm, Ottawa, for several years the Gate Post frequently headed the list.** ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 80c.

Bruce's Gate Post Mammoth Long Red Mangel.

Mammoth Long Red—A well known and popular strain. ¼ lb. 10c, lb. 20c, 4 lbs. for 60c.

Long Yellow—A good variety, producing large roots. ¼ lb. 10c, lb. 20c, 4 lbs. for 60c.



Bruce's Giant Yellow Intermediate Mangel. See page 30.

MANGEL WURZEL—Continued. **GLOBE AND INTERMEDIATE SHAPED VARIETIES—SEC. 2.**

Will succeed equally well with the above on light soil, but from the peculiar shape of the bulb may be grown on strong and even hard land with advantage where the former would fail to yield a satisfactory crop.

Bruce's Giant Yellow Intermediate—This grand Mangel, which we introduced in 1891, is without a doubt the favorite with all cattle men at the present day, and there has been such an increase in the demand each successive year that we have had great difficulty in obtaining sufficient stock to supply all our orders. The large size of the roots, their uniformity, handsome shape, bright, smooth yellow skin, flesh of the most solid texture, nutritious, and splendid keeping qualities makes it the most valuable introduction of recent years. While in point of size they will not equal the best of the long varieties, yet in the yield per acre they have frequently produced as much, and in richness they far exceed the best long varieties, added to which they are much more easily harvested, about half of their length being above the ground. We have kept our stock fully up to the original high standard, and it will pay every grower to procure our grand strain of this unequalled variety. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 80c.

Mammoth Yellow Intermediate—Similar to Bruce's Giant, but not as good a stock. ¼ lb. 10c, lb. 20c, 4 lbs. 60c.

Golden Tankard—Flesh golden yellow. This Mangel contains more saccharine and a higher proportion of flesh forming constituents than any other mangel excepting Bruce's Giant Yellow Intermediate. ¼ lb. 10c, lb. 20c, 4 lbs. for 70c.

Mammoth Red Intermediate—Yields enormously. ¼ lb. 10c, lb. 20c, 4 lbs. for 60c.

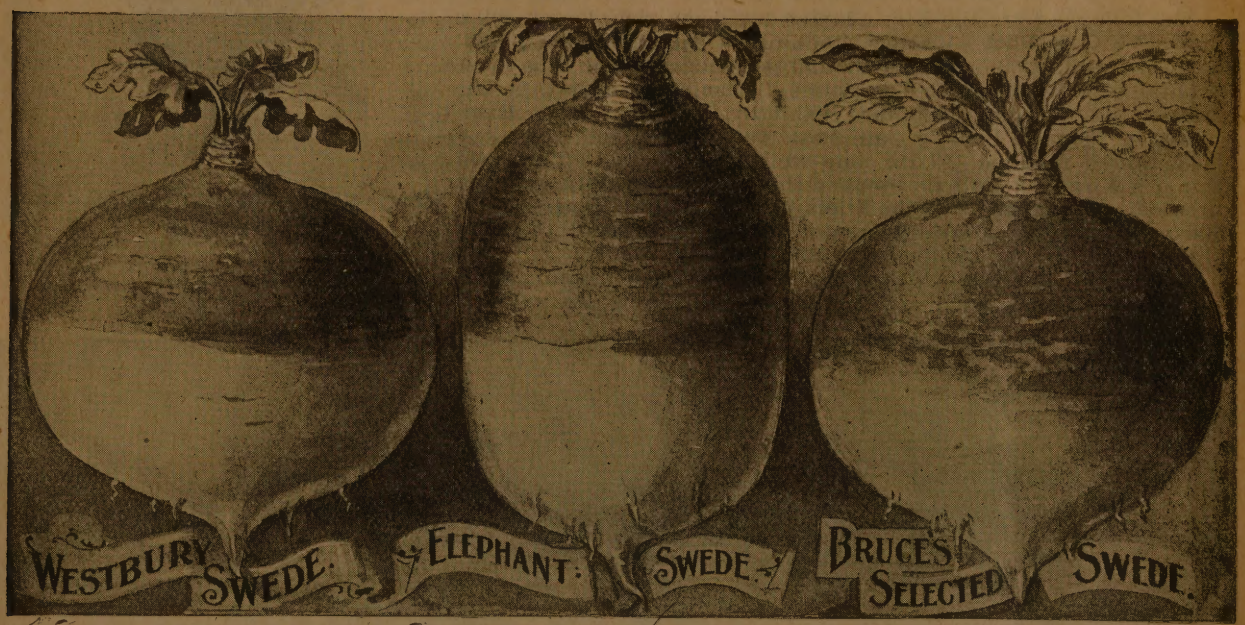
Red Globe—¼ lb. 10c, lb. 20c, 4 lbs. for 60c.

Yellow Globe—¼ lb. 10c, lb. 20c, 4 lbs. for 60c.

Bruce's Giant Sugar—Combines the rich qualities of the Sugar Beet with the long keeping large size and heavy cropping qualities of the mangel. Roots are clean, tops small, flesh white, solid, tender and sweet, and easily harvested. ¼ lb. 10c, lb. 25c, 4 lbs. for 90c.

TURNIP SEEDS

The Turnip is now one of the most important crops grown on the farm, and its success no doubt depends greatly on the preparation of the soil and the judicious application of manure, but not less so on the quality of the seed and the care exercised in the selection of the bulbs from which the seed is saved. Impressed with this fact, we have for many years paid special attention to the growth of our Turnip Seed, and the increased demand we experience each successive season, as well as the gratifying accounts we receive from all parts of the Dominion as to the excellence of our Turnip Seed, affords us satisfactory evidence as to the superiority of our stocks and the success that has attended our efforts. Sow in June in drills; two pounds to the acre.



Improved Hall's Westbury—A well known standard purple top variety of handsome appearance, fine quality, large and solid, a grand keeper, and one of the best shipping turnips grown. We are satisfied that no better stock of this grand variety can be obtained anywhere; this is one of our best selling varieties. ¼ lb. 10c, lb. 20c, 4 lbs. for 70c.

Elephant or Monarch—We offer a grand stock of this handsome tankard-shaped variety, which matures early. The upper part of the root is dark purplish crimson, the flesh deep yellow, solid and nutritious, producing more weight to the acre than any other variety. ¼ lb. 10c, lb. 20c, 4 lbs for 70c.

Drummond's Purple Top—A selected Scotch variety of great excellence; globular in shape, large, solid, and finest quality. ¼lb. 10c, lb. 20c, 4 lbs 70c

Bruce's Selected Purple Top—This fine variety has been carefully selected and improved so as to obtain a globular shaped root, free from least tendency to coarseness; it is practically adapted to the richer description of soils, and for long keeping qualities cannot be surpassed. It is a grand shipping variety, of splendid quality, and a great favorite, and our stock is fully up to the past high standard and cannot fail to give entire satisfaction. ¼ lb. 10c, lb. 25c, 4 lbs. for 90c.

Magnum Bonum Purple Top—A fine new Swede, of large size, fine color, and extra good quality; a heavy cropper. Recommended by the Ontario Agricultural College. ¼ lb. 10c, lb. 30c, 4 lbs. $1.00.

Carter's Imperial Purple Top—One of the hardiest and best keepers. ¼ lb. 10c, lb. 20c, 4 lbs. 70c.

THE BEST OF ALL SWEDES, "BRUCE'S NEW CENTURY."—SEE PAGE 4.

SWEDE TURNIPS—Continued.

Sutton's Champion Purple Top—Recommended for size and quality. ¼ lb. 10c, lb. 20c, 4 lbs. 70c.

New "Kangaroo"—A very hardy Swede, similar in size and growth to the Elephant; color a bronze green, possessing the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of Bronze Green Top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. ¼ lb. 10c, lb. 30c, 4 lbs. for $1.00.

Halewood Bronze Top—A favorite Scotch variety, heavy croppers, good keeper, closely resembling Kangaroo. ¼ lb. 10c, lb. 25c, 4 lbs. 90c.

Skirving's Improved Purple Top—This is a most robust grower and heavy cropper, but runs to neck on rich ground. ¼ lb. 10c, lb. 20c, 4 lbs. for 70c.

Royal Norfolk Purple Top—A heavy cropper and a good keeper. We consider this variety one of the best on our list for strong, heavy land. ¼ lb. 10c, lb. 20c, 4 lbs. for 70c.

Hartley's Bronze Top—Small neck and single tap roots, very rich in quality and a first rate keeper. A great favorite in some sections and demand constantly increasing. Our stock is very fine. ¼ lb. 10c, lb. 25c, 4 lbs. for 90c.

White Swede—Remarkable for its nutritious properties, hardiness and long keeping. ¼ lb. 10c, lb. 25c, 4 lbs. for 90c.

Laing's Improved Purple Top—The finest Swede for table use. ¼ lb. 10c, lb. 30c, 4 lbs. for $1.00.

Fettercairn Green Top—Will keep sound longer than any other variety; fine quality. ¼ lb. 10c, lb. 25c, 4 lbs. for 90c.

YELLOW FLESHED TURNIPS

May be sown from the first week in July to middle of August, either after it is considered too late for Swedes, or on land of not sufficiently good quality to produce Swedes, or when there is an absence of a supply of manure.

Purple Top Yellow Aberdeen—Similar in quality to Green Top. ¼ lb. 10c, lb. 25c, 4 lbs. for 80c.

Green Top Yellow Aberdeen—A hardy and excellent variety. ¼ lb. 10c, lb. 25c, 4 lbs. for 80c.

WHITE FLESHED TURNIPS

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

White Globe—Grows very large; is early and of fine quality. ¼ lb. 10c, lb. 25c, 4 lbs. for 80c.

Red Globe Norfolk—Skin red where exposed to sun, white under ground, flesh white, medium size, should be fed early. ¼ lb. 10c, lb. 25c, 4 lbs. 80c.

Grey Stone—Grows to immense size, is early, hardy, excellent quality. ¼lb. 10c, lb. 25c, 4 lbs. 80c

White Stone or Stubble—A well known and excellent variety. ¼ lb. 15c, lb. 35c.

Red Top Strap Leaf—A rapid grower; valuable variety for late sowing. ¼ lb. 15c, lb. 35c.

Cow Horn—Roots long, flesh white, fine grained; matures quickly, half its length above ground. ¼ lb. 15c, lb. 35c.

SOWING RAPE

Largely grown for soiling purposes; it is also excellent for sheep, and is strongly recommended as a most profitable crop for stock raisers to grow. Sow at the rate of six pounds of seed per acre, and successional sowings, beginning in May, will insure crops from August onward.

Broad Leaved Essex—Lb. 10c, 10 lbs 90c, 25 lbs. $2.00.

THOUSAND HEADED KALE

For the purpose of the sheep farmer there is no forage crop equal to this, both as regards its productive qualities, nutritive value and hardiness, withstanding severe frosts. In Britain it is largely supplanting Sowing Rape, which it largely outyields. Sow early in April up to midsummer, 3 lbs. to the acre broadcast or 1 lb. to acre in rows 18 inches apart. It grows very rapidly, 3 to 4 feet high, branches out right from the bottom, and is covered with small whorls of leaves, and after being fed it grows with increased rapidity. The roots penetrate to a great depth, so that drouth does not affect it. It is greatly relished by hogs, cattle and sheep, and is well worthy of a trial. ¼ lb. 15c,

BARLEY.

Success—A distinct variety, quite beardless, and fully a week or 10 days earlier than any other barley. Height same as common, but straw better, and stands up on any land ; a good yielder ; six-rowed. Peck 20c, bushel 75c.

Improved Six-rowed—Peck 20c, bushel 70c.

Mandscheuri—The best standard variety. Peck 20c, bushel 75c.

White Hulless—Beardless, grows quickly, 60 lbs. to bushel, good yielder. Peck 30c, bushel $1.10.

Black Hulless—Highly recommended for hog feed, 60 lbs. to bushel. Peck 30c, bushel $1.10.

BUCKWHEAT.

Silver Hull—The leading variety. Peck 25c, bushel 85c.

Japanese—Very large and productive. Peck 25c, bushel 85c.

Common—Peck 25c, bushel 80c.

Above varieties, Barley and Buckwheat, 15c lb 5 lbs. 50c. Postpaid to Canadian points.

BEANS—Field.

Where the soil is suitable beans will be found a most profitable crop to grow, and at the same time there is nothing better for keeping the ground clean. We offer the following varieties :

Medium White or Navy—The standard variety. Peck 60c, bushel $2.10.

White Pea—A splendid cooking variety. Peck 60c, bushel $2.20.

White Marrowfat—Very large, fine quality. Pk. 70c, bushel $2.40.

Above varieties, 15c lb., 5 lbs. 65c. Postpaid to Canadian points.

KAFFIR CORN.

A non-saccharine sorghum fodder plant. It grows from 5 to 6 feet high, stocky and erect, wide foliage, and has the quality common to all sorghums, of resisting drought. Sow in drills, 5 lbs. seed to acre, and cultivate the same as common corn, or broadcast half bushel to the acre. Lb. 10c, 10 lbs. 70c. If required by mail add postage.

BROOM CORN.

Succeeds in good deep soil ; it is very sensitive to cold.

Long Bush Evergreen—Lb. 10c, 10 lbs. 90c. If by mail add postage.

Australian Extra Early Flint Corn.

CORN—Field Varieties.

Australian Extra Early Eight-Rowed White Flint.—This superior variety, introduced by us last season, has given unqualified satisfaction to those who have tried it. Remarkably early, ripening fully two weeks ahead of Compton's. It is unusually productive, the ears being very long, the grain large, and the cob small. Hardiest known variety ; will thrive at an altitude of 6,000 feet, where the climate is always too cold for ordinary corn ; a great drouth resister ; will produce crops when other sorts fail. Prices here—1 lb. 15c, 5 lbs. 50c ; postpaid, lb. 20c, 5 lbs. 75c. By freight, peck 50c, bush. $1.50 shelled.

Compton's Early Twelve-Rowed Yellow—Owing to its earliness and productiveness this variety has given great satisfaction ; it is also highly recommended as a fodder corn. Shelled, peck 35c, bushel $1.25.

Angel of Midnight—This is an extra early eight-rowed Yellow Flint variety ; the grains are very large and compactly set on a very small cob. Shelled, peck 35c, bushel $1.10.

Early Eight-Rowed Yellow Flint—A well-known variety. Shelled, peck 35c, bushel $1.10.

North Dakota Early White Flint—A very profitable variety. Shelled, peck 35c, bushel $1.25.

Longfellow—A most desirable eight-rowed Yellow Flint variety. Shelled, peck 35c, bushel $1.10.

King Philip—A favorite in some localities. Shelled, peck 35c, bushel $1.25.

Above varieties, 15c lb., 5 lbs. 60c. Postpaid to Canadian points.

CORN—For Fodder and Ensilage Purposes.

Our list of corn embraces all the varieties that careful experiments have demonstrated to be the most valuable for cutting for green fodder and for use in the silo for winter feeding. Dairying has become such an important industry in Canada that any new introduction that tends to increase the products of the cow is sure to attract attention, and for this reason dairymen are close observers of the varieties that produce the best results. For cutting green we believe the Evergreen Sweet Corn will be found the most valuable on account of its richness, while the Dent varieties are better adapted for the silo, as they are less liable to become sour. The corn we offer has been specially grown for seed and the germination fully tested.

Red or Yellow Western Horse Tooth—Well-known variety, inferior to white varieties. Per bush. shelled 80c.

Mammoth White Cob Ensilage—Similar to Red Cob in most respects. Bushel, shelled, 85c.

Mammoth Red Cob Ensilage—A well-known variety of great productiveness and most nutritious quality, but not as early as the following varieties. Per bushel, shelled, 90c.

New Mortgage Lifter, Yellow—A very strong growing Dent variety producing a great quantity of fodder; grains long, cobs small, ears fine shape and large with from 10 to 18 rows on each. Bush $1.10

White Cap Yellow Dent—Expert Corn growers pronounce it a perfect field corn as to yield, size of ear, color, size of cob and growth of fodder. It matures in 90 to 95 days. No corn yields as well on poor, thin land, nor stands the drought as well. Per bush. shelled $1.10.

Above Varieties 15c per lb, 5 lbs. 60c. Postpaid to Canadian points.

CORN—For Fodder and Ensilage Purposes—Continued.

Selected Improved Leaming Yellow—A splendid variety for withstanding drought by reason of its earliness in maturing, strong and vigorous growth, and its stocky, leafy nature, which enables it to stand until ripe. Per bushel, shelled, $1.10.

Reid's Yellow Dent—A well known variety largely grown for exhibiting at fairs, and is used as a standard for judging at corn schools. Of handsome shape and color and a profitable variety. Per bushel, shelled, $1.10.

Evergreen Sweet Fodder—This is the sweetest and most nutritious of all the fodder varieties, and will be found most valuable for cutting and using as green fodder. Bushel of 40 lbs, shelled, $1.60.

Cloud's Early Dent, Yellow—Early, very prolific, strong and vigorous, growing from 8 to 10 feet high, producing large, handsome ears, with unusually deep grains. Per bushel, shelled, $1.10.

Early Mastodon, Yellow—This early Dent variety has the greatest number of rows on cobs and the longest grains of any corn so far originated. A strong and vigorous grower; very productive. Per bushel, shelled, $1.10.

Cuban Giant, Yellow—A splendid fodder or ensilage corn for Canada. It outyields the Red Cob and is ten days earlier; the fodder grows on the stalks in great quantities, and is of the finest flavor, almost as sweet as sugar corn. The grains are yellow, large, broad, long and of great vitality. Per bushel, shelled, $1.10.

Early Butler Dent Yellow—The fodder of this new sort grows up strong and rank. It roots deeply and withstands drought. Ears of good size. Matures in 90 to 100 days. Per bush, shelled, $1.10.

Wisconsin White Dent—A popular variety in some districts. Per bushel, shelled, $1.10.

Above varieties, 15c lb., 5 lbs 60c. Postpaid to Canadian Points. Prices subject to Market Fluctuations.

CLOVER AND GRASS SEEDS

The large increase in our home and foreign trade made it imperative for us to introduce into our premises the most modern machinery, which is run by electric power, and we have now the perfection of appliances for turning out superior samples of Seed Grain, Clover and Grass Seeds. Increased sales, and the complimentary references to the quality of our shipments has been ample compensation for our expenditure in this department; and our long connection with the best growers in the seed producing districts gives us exceptional advantages in securing the best samples offered.

GOVERNMENT STANDARD GRADES.

By the provisions of the Seed Control Act, which came into force on the 1st September, 1905, the seeds of certain weeds are prohibited in Cereals, Grasses, Clovers and Forage Plants where the seed is sold as number one or first quality; and the lowest grade permissible under the Act for seeds of Timothy, Alsike or Red Clover, for the purpose of seeding in Canada, is five weed seeds to one thousand of the seed sold. Under the clauses of the Act all persons (excepting farmers on their own holdings) are prohibited from selling seeds below the minimum standard fixed by the Government and are liable for fines and imprisonment for non-observance of its provisions.

As usual we have exercised the greatest care to secure the finest quality of seed obtainable, and with the most modern cleaning machinery we are enabled to offer samples which we feel assured will satisfy the most critical buyer. The conditions imposed by the Act have placed a premium on the best grade of seed, but in our transactions extending over 50 years with the agricultural community, the question of quality with the great majority is a more important consideration than price, and it is the trade of the majority we cater for.

Lucerne Clover.

Clover Seed being subject to constant variations, prices will be ruled by market. Write for special prices by peck or bushel.

Common Red—A well-known variety. Lb. 25c, 10 lbs. $2.00.

Mammoth Red or Pea Vine—Valuable for plowing under for manure. Lb. 25c, 10 lbs. $2.00.

Yellow or Trefoil—Valuable for pasture. Lb 20c, 10 lbs $1.80.

White Dutch—Esteemed for permanent purposes. Lb. 20c.

White Dutch—Extra selected for lawns. ¼ lb. 10c, lb. 25c.

Lucerne, French, Alfalfa or Chilian—An invaluable and certain crop as green food for horses and cattle, and one of the best forage plants for withstanding drought. Should be sown from middle of April to middle of May, in drills 12 inches apart, and may be cut 3 or 4 times a year. It thrives upon any soil where drainage is good, and as the roots penetrate the soil to a great depth, reaching the moisture, it continues green in driest weather. Sow 15 to 20 lbs. to acre. Lb. 25c, 10 lbs. $2.00.

Bokhara (Melilotus Alba)—A very vigorous growing variety; blooms early in August; about two feet high. Sow in spring. The flowers are white and very sweet scented, very valuable for bees. Lb. 25c.

Alsike (Trifolium Hybridum)—Excellent for low lands. Lb. 20c, 10 lbs. $1.90.

Crimson or Scarlet Clover (Trifolium Incarnatum)—Is an annual. Improves poor land and restores to fertility those that are worn down by excessive cropping. Grows at all times except when the ground is frozen. May be sown in spring, summer and fall. Splendid for reseeding Red Clover that has been winter killed. This Clover is extensively grown in the United States, and we give the latest methods adopted there for its cultivation, etc. Sow 12 to 15 lbs. broadcast per acre, cover light. All soils and situations seem to suit it. Try it on your poorest. If sown early it makes superior fall and spring grazing and afterwards a good crop to mow. It is about 15 days earlier than Red Clover, and as a fertilizer one acre represents as much value as twenty tons of stable manure. Lb. 15c, 10 lbs. $1.30. **If going by mail add postage to above prices of Clover.**

GRASS SEEDS

Greater attention is being given yearly to the improvement of pastures, and it has been found that where a mixture of permanent grasses has been added to Clover and Timothy, which have heretofore been almost the only seeds used, a better heat resisting sod and a richer and more lasting pasturage has been secured, and the result is of the utmost importance in our dry, hot climate. Many of the grasses contained in our list will be found invaluable for this purpose.

PRICES SUBJECT TO MARKET FLUCTUATIONS. SPECIAL PRICES BY THE BUSHEL.

Red Top Grass (Agrostis Vulgaris)—A valuable native permanent grass growing in almost any soil, moist or dry, and standing well our hot climate. Best for low ground. Sow two bushels to the acre, weight per bushel 14 lbs. Lb. 15c. Fancy for lawns, 20c. lb, 10 lbs. $1.80.

Foxtail, Meadow (Alopecuris Pratensis)—One of the best grasses for permanent pastures, possessing the three great requisites of quantity, quality and earliness ; it is particularly adapted for moderately stiff clay and heavy soils ; 30 lbs to acre. Lb. 42c, 10 lbs. $4.00.

Sweet Vernal Grass (Anthoxanthum Odoratum, perennial)—For a pasture mixture it is valuable on account of the fragrant odors it imparts to the hay. Sow 35 lbs. to the acre. Lb. 75c.

Oat Grass (Avena Elatior)—Is most valuable for pasture on account of its early and luxuriant growth. It produces an abundant supply of foliage, which is relished by cattle early and late in the season. Lb. 30c.

Bromus Inermis (Hungarian Forage Grass)—A hardy deep rooted species, which has proved highly suitable for Manitoba and the Northwest. Sow 20 to 25 lbs. to the acre. Lb. 18c, 10 lbs. $1.60.

Orchard Grass (Dactylis Glomerata)—A valuable grass on account of the quantity of nutritious feed which it yields, and the rapidity with which it grows after being cut or grazed; well adapted for growing in orchards. If allowed to stand for hay it has a rather coarse appearance, but if grazed it has always a fresh green hue. Sow 2 bushels to acre ; weight per bushel 14 lbs. Lb. 25c, 10 lbs. $2.00.

Meadow Fescue (Festuca Pratensis)—Valuable for permanent grass lands. It does not, however, attain its full productive power till the second or third year, when it exceeds most other sorts in productiveness and nutritive matter ; relished by stock both in hay and pasture. Sow 40 lbs. to the acre. Lb. 17c, 10 lbs. $1.60.

Sheep Fescue (Festuca Ovina)—Grows naturally on light, dry and sandy soils ; smaller than the other Fescues, but from being very nutritious it should always enter into the composition of sheep pastures, as sheep are very fond of it. Sow 30 lbs. per acre. Lb. 20c, 10 lbs. $1.60.

Sainfoin (Hedysarum Onobrychis)—Recommended by Experimental Farm, Ottawa. Useful fodder plant. Lb. 20c, 10 lbs. $1.50.

English Rye Grass (Lolium Perenne)—One of the staple grasses of Great Britain, entering largely into the composition of most of the richest meadows and pastures. Sow 3 bushels to the acre, weight per bush. 22 lbs. Lb. 15c, 10 lbs. $1.40.

Timothy (Phleum Pratensis)—So well known needs no description. Sow 12 lbs. per acre. Lb. 10c, 100 lbs. $7.00.

Italian Rye Grass (Lolium Italicum)—One of the most valuable grasses in Europe, considered the best grass to cut green for soiling, affording repeated large and nutritive crops. Sow 3 bushels to the acre ; weight per bushel 18 lbs. Lb. 17c, 10 lbs. $1.50.

Canadian Blue Grass (Poa Compressa)—A native grass which should be in all pasture mixtures ; will do well on dry soils, or even on clay, hard trodden, or poor soils. On account of creeping root stock it forms a splendid turf. Lb. 10c, 10 lbs. 90c.

Kentucky Blue Grass (Poa Pratensis)—Thrives on a variety of soils, but does best in dry and somewhat shady locations; it will stand the hottest summers. Sow 3 bushels to the acre ; 14 lbs. per bushel. Lb. 30c, 10 lbs. $2.50.

Wood Meadow Grass (Poa Nemoralis)—There is no grass better adapted for pleasure grounds, particularly under trees, as it will only grow in such places, but succeeds where few other grasses can exist. Very early, of a bright, rich green. Sow 25 lbs. to the acre. Lb. 55c, 10 lbs. $5.00.

Evergreen Meadow Grass (Poa Sempervirens)—Noted for perpetual greenness, earliness in spring, and the rapidity with which it produces leaves after being eaten or cut, its thick growth, fineness of foliage and capability of growing under shade of trees render it a most desirable grass for lawns, parks or pastures. Sow 40 lbs. to the acre. Lb. 55c, 10 lbs. $5.00.

Bruce's Mixture of Permanent Grasses and Clover Seeds for Laying Down Land to Pasture.

When ordering permanent Grass Seeds it is necessary that our customers should describe the nature and situation of the soil, subsoil, etc., and state whether they are to be sown with or without crop. Our mixtures are composed of the best Clovers and Grasses, and arranged in proper proportions to suit the various soils for which they are intended, our aim having always been to produce a rich and nutritious herbage in the shortest possible time. 25 lbs. per acre. Price acre $2.50 to $3.50, according to quality.

Below we give the Ontario School of Agriculture, Guelph, formula of Grasses and Clovers for permanent pastures :

Six lbs. Meadow Fescue, 3 lbs. Timothy, 2 lbs. Canadian Blue Grass, 3 lbs. Orchard Grass, 3 lbs. Red Top Grass, 4 lbs. Lucerne Clover, 1 lb. White Dutch Clover, 1 lb. Alsike Clover, 2 lbs. Red Clover, total 17 lbs. Grasses and 8 lbs. Clovers being the quantities required for an acre. Price, $3.50 for 25 lbs.

Clovers and Grass Seeds going by mail require 5c per lb. additional for postage to all Canadian points, and 16c per lb. to the United States and Newfoundland. When ordering Grains, Clovers and Grass Seeds by the bushel remit 20c each for 2 bushel cotton seamless bags.

Use the Little Giant Seeder for Sowing Clover and Grass Seeds. See Page 89.

Bruce's Selected Mixture of Grass Seeds for Lawns

The annual increase in our sales of Lawn Grass Seed is the best assurance of its superiority; and the testimony of those who have used it justifies our claim that it is the most perfect mixture in use for Lawns, Croquet, Golf, Cricket and Lawn Tennis Grounds.

Our mixture is composed of grasses especially selected to produce a close evergreen sod, calculated to withstand to the best advantage the summer heat, and sufficiently hardy to live through the extreme frosts of our northern winters. The greatest care is exercised in the selection of our grass seeds to use only such samples as are absolutely free from weeds, as it is generally found in the preparation of a new lawn that weeds indigenous to the soil are too plentiful without sowing them in a lawn mixture. A top dressing of thoroughly rotted manure in the fall, and a good sprinkling of bone dust in the early spring, with the addition of a light seeding, are great aids in the preservation of the sod. Sixty pounds of seed is sufficient for an acre, and one pound will sow a plot 15 X 20 feet, or 300 square feet. 25c per lb., $20.00 per 100 lbs. Postpaid to Canadian points, 30c per lb.

Bruce's Special Mixture for Shady Places—30c lb, 100 lbs. $25. Postpaid to Canadian points, lb. 35c

Pure White Dutch Clover for Lawns—¼ lb. 10c, lb. 25c. Postpaid to Canadian points, 30c lb.

MILLETS

Annual forage plants, valuable for furnishing green fodder and hay in from 60 to 90 days from sowing, producing on good soils extraordinary yields of excellent forage, highly relished by stock. All varieties should be cut in the blossom. Sow from ½ to ¾ bushels per acre.

Common Millet (Panicum Miliaceam)—Very early; height 2 to 3 feet; foliage very broad and very abundant; heads very open, branching panicles, seeds glossy, oval and somewhat flattened. Peck 30c, bushel $1.00.

German or Golden Millet (true)—Medium early; height from 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, in rough bristly sheaths. Peck 40c, bushel $1.25.

Hungarian (Grass) **Millet** (Panicum Germanicum)—Early; height 2 to 3 feet; abundant foliage and slender heads; withstands drought and yields well on light soils. Peck 30c, bushel $1.00.

Above varieties 12c per lb., postpaid to Canadian points. Prices subject to market fluctuations.

New Japanese—Very heavy yielder. Grows about 6 feet high; covered with leaves; very juicy; an excellent green fodder and valuable when cured for silo. Sow 15 lbs. to acre broadcast or 10 lbs. in drills. Also called "Billion Dollar Grass." 1 lb. 10c, 10 lbs. 80c, 25 lbs. $1.75. If by mail add postage 5c per lb. to Canadian points.

Pearl Millet, or Pencillaria—Amongst the known forage plants there is found nothing superior to Pearl Millet either in enormous growth or quality. It has produced the most abundantly and can be cut several times during the season. If you grow green forage try Pearl Millet, and you will find there is nothing better. Drill in 2 feet rows, 10 lbs to the acre. Lb. 10c, 10 lbs. 80c, 25 lbs. $1.75. If by mail add postage 5c per lb. to Canadian points.

EARLY SOY OR SOJA BEANS

It ripens in Canada, grows nearly 4 ft. in height, heavily podded, and has yielded over ten tons per acre. It is said to be a very valuable fodder variety, either for curing, feeding green or for the silo in mixture with corn. A rich, nitrogenous food unsurpassed as a flesh former, and, like the Clovers, a soil improver. Sow in June broadcast 30 lbs. per acre, or plant in drills 3 ft. apart 1 ft. between plants. Lb. 15c, peck $1.00, bushel $3; postpaid to Canadian points, 20c lb., 5 lbs. for 75c.

COW PEAS

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is superior, especially for medium or light soil. They should be sown towards end of May or in June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known with the results attained from it, the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. The stalk and leaves fed green make excellent fodder. They have been grown with marked success by many of the leading fruit growers in this district during the past two seasons.

Whipporwill—The favorite variety. Lb. 10c, 5 lbs. 35c, peck 75c, bushel $2.50.

Mixed—Largely used. Lb. 10c, 5 lbs. 30c, peck 65c, bushel $2.25.

Postpaid to Canadian points, 20c per lb., 5 lbs. 75c. Prices subject to market fluctuations.

FIELD PEAS

Golden Vine—The favorite variety, early, good straw and a splendid yielder. 30c peck, $1.00 bush.

Grass or Bug Proof—Sow early, good yielder but not as much straw as Golden Vine. 30c pk., $1 bush.

Blue Prussian—Very prolific and excellent for boiling. 35c peck, $1.25 bushel.

Potter—An excellent large white pea, heavy yielder. Peck 35c, bushel $1.15.

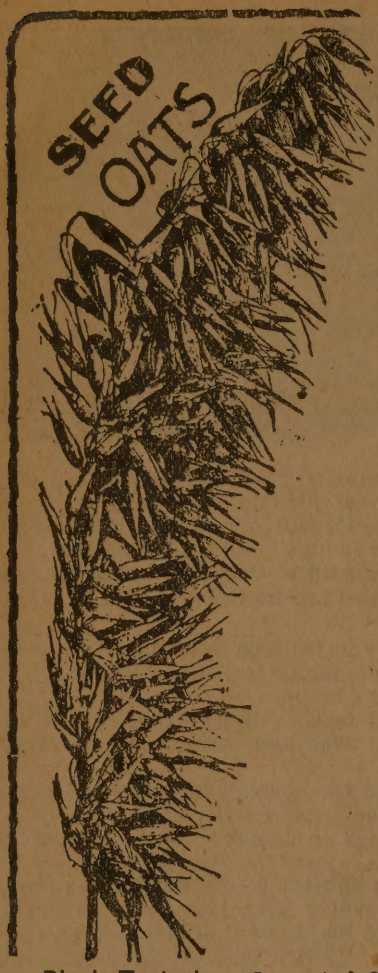
White Marrowfat—Prolific, with large pods filled with large peas. 45c peck, $1.40 bushel.

Black Eyed Marrowfat—Equal to the white variety. Peck 45c, bushel $1.40.

Postpaid to Canadian points, 15c per lb., 5 lbs. for 60c. Prices subject to market fluctuations.

Remember when ordering Grass Seed, Clover and Grain to remit for cotton bags.

SEED OATS A CHANGE OF SEED ALWAYS PAYS



New Scottish Chief—A new variety from Scotland, which has met with unqualified praise from all who have seen it. After being well tested here for 3 years we recommend it with confidence. It is an early variety, and produces an excellent straw, which stands up splendidly. It is a heavy oat, of splendid quality, and yields most abundantly, having beaten every variety in the localities where it has been grown. 75c bushel, 5 bushels $3.25.

Silver Mine—A very early white oat, ripening with barley, with strong stiff straw of medium height. It stands straight even in windy and wet weather. A very heavy yielder with a large number of oats in each head. Those who have grown it will have nothing else. Bush 65c.

Mortgage Lifter—A highly recommended, handsome, bright, white variety, very heavy, with a very thin hull, and a strong stiff straw free from rust. It is early, and no matter what the weather is it is so strong and thrifty nothing seems to affect it. Grown near here this season it produced close to 100 bushels to the acre, and it cannot be beaten for an all-round variety. Bushel 65c.

Early Daubeny—The earliest white oat grown, and the best variety to sow along with barley for a mixed grain crop, as they ripen at the same time. It has medium length straw, a spreading head, and yields fairly well. Bushel 70c.

Waverley—A heavy yielding white variety, medium early, thin hulled, with clear, bright, amber colored straw, which stands upright in all weather. Kernels large and meaty. Three grains in a spikelet. 60c bush

Twentieth Century—A new heavy-yielding variety, thin in hull and a heavy grain, stiff straw and not inclined to rust or smut. Bushel 60c.

Giant Swedish or Golden Giant Side Oat—Grows from 4 to 5 feet high, with strong, yellow, bright straw ; panicles are of great length, the grains closely set and enormously productive. Bushel 60c.

Ligowo—Early ; grain white, plump and heavy ; straw stiff, clean, and of medium length, a vigorous grower and prolific. Bushel 60c.

Sensation—White, early ; straw stiff and bright ; head long, open and pyramidal ; grain plump and heavy, very productive. Bushel 60c.

White Australian New Zealand, or White Russian—Productive and of good quality. Bushel 60c.

American Banner—The grain is white, of medium size, plump and even, the straw stands up well. We recommend it highly. Bushel 60c.

Siberian White—An early, productive variety, claimed to be rust proof ; straw is stiff and strong, grain handsome, plump, and valuable for feeding on account of its thin hull. Hightly recommended. Bush 60c

Black Tartarian—Imported Scotch pedigree stock. A grand oat and splendid yielder. Bushel $1.20. Postpaid to Canadian points, 5 lbs. 75c.

Black Tartarian—The favorite black oat, early and a good yielder. Bushel 65c.

Black Goanette—Very productive, best suited for heavy lands. Bushel 65c.

Any of the above varieties, except where noted, postpaid to Canadian points, 5 lbs. for 60c.

RYE

Spring—An excellent catch crop for fodder or grain. 40c peck. $1.25 bushel.

Fall—The variety commonly cultivated for grain, straw, freen fodder, etc. 25c peck, 85c bushel.

Above varieties postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

SPELTZ OR EMMER

It is claimed that this new grain is superior to all other grain for fattening sheep, poultry, cattle, horses, pigs, etc. It is excellent for pasture, and can be fed in a green state also ; grows well and produces large crops on poor soil, while dry weather appears to have no effect on it. It is a wonderful stooler. Prepare land as for any other grain, and sow about 60 lbs. to acre ; cut when the grain is past middle stage of milk; thresh like wheat, only not so closely. Peck 30c, bushel of 40 lbs. 90c. Postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

TARES OR VETCHES

Black Spring—Species of pea, grown for soiling or sown with oats for feeding green. 1 lb. 15c, 5 lbs. 60c, postpaid to Canadian points. By freight, peck 50c, bushel $1.75.

Sand or Hairy—It succeeds and produces good crops on poor sandy soils as well as on good land ; grows to a height of four to five feet. It is perfectly hardy, remaining green all winter, and should be sown in the spring mixed with oats, spring rye or barley ; or during August and September with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs. per acre with one-half bushel of rye, oats or barley. Lb. 15c, peck $1.50, bushel of 60 lbs. $5.50. Postpaid to Canadian points 20c lb., 5 lbs. for 85c.

SPRING WHEAT

Manitoba Red Fife } —Very productive, splendid milling varieties. Pk. 40c, bushel $1.40.
Manitoba White Fife }

Colorado—A great favorite in some sections. Pkt. 45c, bushel $1.50.

White Russian—An excellent all-round variety. Pkt. 40c, bushel $1.40.

Wild Goose—Very productive, bearded head with white chaff, straw stiff, grain hard and flinty, midge proof. Peck 35c, bushel $1.10.

Postpaid, 15c lb., 5 lbs. 60c... Prices on this page subject to market fluctuations.

NEW COTTON BAGS

	Each.	Per doz.	Per 100.
Smith Mills W	21c	$2 40	$19 00
X	23c	2 60	21 00
Spring Grove, B	24c	2 75	22 00
Star	24c	2 75	22 00

Three supplied at dozen rate; 25 at hundred rate.

	Each.	Per doz.	Per 100.
Eagle B	27c	$3 10	$24 50
Stark Mills	30c	3 50	28 00
Hochelaga A	28c	3 25	26 00
Blue Grass Sacks, Jute	17c	1 90	15 00
Potato Bags, Jute	12c	1 30	10 00

MISCELLANEOUS

Beans—Lima, cooking, lb. 10c, 3 lbs. 25c.
Bibby's Cream Equivalent—For calves and young pigs. 50 lb. bag $2.25, 100 lb. bag $4.00.
Flax Seed—Choice screened; lb. 5c., 100 lbs. $3.00.
Flax Seed Meal—Pure; lb. 5c, 100 lbs. $3.25.
Lentils—For soup; lb. 15c, 2 lbs. 25c.
Oil Cake—Fine ground; 10 lbs. 25c, 100 lbs. $1.65.
Sugar Cane—Early Amber; lb. 10c, 100 lbs. $6.00.
Sunflower, Giant Russian—¼ lb. 5c, lb. 10c.
Tobacco—Conn. Seed Leaf, pkt. 5c, oz. 25c, lb. $2.
Tobacco—White Burley; pkt. 5c, oz. 35c, lb. $3.
Wild Rice—¼ lb. 10c, lb. 25c, 100 lbs. $20.00.

Postage at the rate of 5c per lb. to Canadian points, and 16c per lb. to Newfoundland and the United States must be added to the above prices if required by mail. Prices on this page subject to market fluctuations.

NITRO-CULTURE

This new method of fertilizing soils is endorsed by the U. S. Department of Agriculture.

The accompanying photograph of garden peas was take last June, sown side by side on the same day. One row inoculated with your NITRO-CULTURE, the other row uninoculated. On the inoculated row the pods were nearly twice as large, the most of them producing 11 peas in a pod and of better quality, vines stronger and more than double the quantity of peas. NITRO-CULTURE is all right and something we can't afford to do without in the future, I also used NITRO-CULTURE on Sweet Peas where they grow them in the same place every year. The growth was remarkable, producing more bloom, and the vines kept green longer than they ever did before. (Signed) JAMES NICOL.
Falmouth, Mass., August 6th, 1905.

Bug Death Kills Bugs. See page 78.

Specimen plants characteristic of uninoculated and inoculated field of Alfalfa, on farm near Bynum, Harford County, Maryland. The uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation nearly 500 per cent by weight.

IMMENSE CROPS WITHOUT FERTILIZERS

A new, sure and easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—Can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer and cheaper—it is to let nitrogen-gathering germs feed the plants. The soil is full of air. Air is four-fifths free nitrogen. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air and feed it to the plants.

The germs come ready for use in a form called Nitro-Culture. It is put up in small dry packages you can put in your vest pocket. Simply add it to water, and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—increase about it—feed the roots when they start and keep on feeding them. They also enrich the soil by storing nitrogen in it, so that the second year's crop, whatever it may be, is increased from 2 to 10 times. When ordering state what particular crop you desire to inoculate. Crops mentioned together require the same bacteria.

Alfalfa or Lucerne.	Soy Beans.
Red and Mammoth Clover.	Field Peas.
Alsike and White Clover.	Sweet Peas.
Cow Peas.	Vetch or Tares.
Garden Peas.	Crimson Clover.

Garden Beans, Wax, Green Pod, Pea, and Lima.

PRICE LIST.

Trial package, 60c; 1 acre package, $1.80; 5 acre package, $6.00.

Garden package—Sweet Peas, 30c.; Garden Beans, 30c.; Garden Peas, 30c.

Guaranteed to keep six months from date of shipment, and can be used within that time.

Circulars with testimonials on application.

Floral Novelties for 1907

THE DESCRIPTIONS GIVEN ARE THOSE OF THE GROWERS

Butterfly Bean.

BUTTERFLY RUNNER BEAN

Phaseolus Multiflorus Papilio.

Among the climbing plants which deck our arbours and trellises the varieties of the Scarlet Runner Bean occupy a leading place, and righly so, as they serve a double purpose, yielding a useful dish for the kitchen and brightening the garden by their gaily hued flowers until far into the autumn. They are seen in the smallest cottage garden, where no room can be spared for anything purely ornamental, and no plant is more widely known and appreciated. My new variety is equal to the old sorts as regards productiveness and quality of fruit, but is quite distinct and far surpasses them in the beauty of its flowers; what chiefly distinguishes the latter is the large size of the prettily waved snowy white wings and the salmon rose of the standard, these two colors making a most agreeable and striking contrast. The vine is also extremely floriferous, its leaves, of a somewhat lighter green than other runners, almost disappearing beneath the clusters of charming flowers which gracefully rise and fall, like butterflies, in the passing breeze. The seed also is distinct, being mottled brown on white ground. In the Butterfly Bean we have a beautiful new plant both for the kitchen and pleasure garden, which will certainly soon come into general cultivation and enjoy universal favor. Pkt. 15c.

CHRYSANTHEMUM

Inodorum, Bridal Robe.

Of very compact and upright habit and not exceeding 10 inches in height, the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white floweres. With their short closely-set petals the latter recall the finest forms of very large flowering double Daisies and appear in such number that a large bed in full bloom may be compared to a drift of snow. Chrysanthemum Bridal Robe, coming almost true from seed, will certainly prove a bedding plant of the very first rank, while also useful for pot culture, and considering the long time the flowers last when cut we may safely predict for this novelty an uncommonly successful career. Pkt. 15c.

Chrysanthemum Bridal Robe.

ASTER, QUEEN OF SPAIN

This variety of Giant Comet Aster is a beautiful primrose, turning to blush color, and quite equal to the Victoria Aster, Miss Roosevelt, which caused such a sensation in the floral world by its unique and delicate color. The Queen of Spain is most valuable on account of its color and for cutting purposes. Pkt. 20c.

Admiral Poppy.

HYBRID EVERBLOOMING HOLLYHOCKS

Flowers the first season from seed, and the plants are of free branching habit, quick growth, and early in blooming. They stand the winter as well as the older strains, and flower as freely the second season as the first. The flowers are of good size, fringed like Double Fringed Petunias, and double. though not so much so as Chaters, but much more so than Allegheny, and colors much more varied and richer than last named. Mixed colors, pkt. 15c.

ADMIRAL POPPY

Papaver Paeoniflorum.

This single paeony-flowered Poppy is of surprising beauty. It is characterized by large round smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors form an extremely telling contrast, similar to that seen in the variety Danebrog. Planted in groups my new Admiral Poppy, which comes nearly true from seed, produces a magnificent effect. Pkt. 15c.

FLORAL NOVELTIES—Contiuued.

Nicotiana Sanderae.

Nicotiana Sanderæ Hybrids

In Purple, White, Pink and Light Red, Crimson, Violet, Salmon.

The most easily cultivated annual is not more readily grown than these magnificent new Nicotianas. They thrive in any soil or situation, and if wanted for the decoration of the cold greenhouse or conservatory there is no difficulty in having a glow of colors in huge masses for cutting all through the spring months. These handsome and showy varieties, with their many bright colors, have wherever exhibited been the admiration of all beholders and have been awarded the highest possible honors. Pkt. 10c.

Large Flowered Cecily-Phlox

Phlox Drummondi Grandiflora. Nana Compacta.

The flowers of this new strain of Dwarf Phlox are of large size and fine form, white and dark centered, striped and self colors. Cecily Phlox grows about 6 inches high, has a close compact and robust growth, and the plants are covered with bloom. Its regular habit and height, its richness of shades and colors places this novelty above the other dwarf varieties hitherto known. Pkt. 10c.

Cineraria Radiata Hybrida

A selection from Cineraria Stellata, it distinguishes itself from that variety by a far more elegant and refined form of the floweret. The cactus or star-shaped flowers, comparatively larger than the orbicular flowered Stellata, give this new class an exceedingly pretty and elegant appearance. The flowers are much more lasting than those of the well known Cineraria hybrida and are indispensable for decoration work of any kind. The display of new and fashionable shades and [illegible] remarkable in this new introduction, and combined with its easy culture Cineraria Radiata hybrida will commend itself to both gardeners and amateurs. Pkt. 25c.

Chrysanthemum Tricolor, New Yellow Marguerite, Evening Star

Flowers pure golden yellow and from 3 to 4 inches in diameter, and of extraordinary durability. Bad weather has little or no effect on stem, the petals remaining firmly extended in the rain and sunshine. It is of easiest culture, the plants bloom in about 10 weeks after sowing and continue until frost. It is a cut flower of the first rank; height 18 inches. Pkt. 10c.

Kochia Scoparia or Summer Cypress

An attractive easily grown globe-like plant, which is equally showy planted singly to show its round ball-like form, or grown in continuous rows. The plants branch freely, and the stems are clothed with slender light green leaves, the ends of which in the fall are thickly set with small bright scarlet flowers, when the plants resemble balls of fire. Pkt. 10c.

See page 54 for illustrations.

Schizanthus Wisetonensis

This handsome and striking annual deserves to be widely known and cultivated. The plants form pyramidal bushes of about 18 inches in height, covered with masses of elegant flowers of various shades of white to rose, and white spotted rose to carmine, while the upper lip is adorned in the centre by a spot of yellow or brown. It makes an excellent pot and market plant and cannot be surpassed for table decoration. Pkt. 15c.

Large Flowering Cecily Phlox.

FLORAL NOVELTIES—Continued.

Evelyn Byatt.

FOUR NEW GIANT-FLOWERED SWEET PEAS

This new type, the largest of all Sweet Peas, is of the most distinct and striking character. The colors embrace the most exquisite shades of pink, orange, salmon and rose ; the mammoth size and waved or fluted appearance of the flowers mark these seedlings as the most interesting novelties in Sweet Peas ever developed.

Phyllis Unwin—Color a deep rosy carmine self, with the same crinkled and wavy standard and broad wings of Gladys Unwin, but with an even larger flower ; these are produced three or four on long stout stems.

John Ingman—This is the deepest color existing in this new giant flowering race. The beautiful fluted flowers are a rich carmine-rose in the standard, with wings of a deep rosy pink. The flowers come generally four to a spray, borne upon long stiff stems, of vigorous growth ; the vines bloom profusely.

Helen Lewis—The orange-rose wings roll and fold; the standard is reflexed, showing the distinctly fluted effect, and is of an intense rich crimson-orange. The blooms are of a gigantic size, the ruffled standard measuring two inches across.

Gladys Unwin—Said to be the finest pink Sweet Pea yet introduced. The flowers are large and bold, not hooded, but with a very striking upright crinkled or wavy standard and broad wings; color a pale rosy-pink. About 75 per cent. of the long flower stems are with four blooms, which is a most unusual thing in Sweet Peas.

Any of above, pkt. 10c, 3 for 25c; oz. 25c, ¼ lb. 80c.

SELECT NEW SWEET PEAS

Evelyn Byatt—A gorgeous variety, having a rich orange-salmon standard, with wings of a trifle deeper color, giving a rich fiery orange or deep sunset color to the whole flower ; very striking and unique, and it is unquestionably the finest and richest Sweet Pea yet brought out.

Bolton's Pink—Standards self-pink, shaded delicate rose, wings pale pink ; a very large flower with erect standards of fine substance.

Black Michael—Color a bright reddish maroon, almost a self color, the wings being only a shade lighter than the standard—a very desirable color. The flowers are large and well shaped.

Romolo Piazzani—A violet-blue self ; the standard is only slightly hooded; flower of great size and substance ; a very vigorous grower.

Phenomenal—White, tinged rosy-lavender, deepening towards the edges ; standards produced in pairs are full and wavy.

David R. Williamson—Bright indigo blue standards, wings rather lighter shade of blue, large flower of good substance.

Helen Pierce—A very pretty and distinct variety. Flowers a bright blue, mottled or marbled on white ground, after the style of a Gloxinia in coloring and markings; very striking and unique.

Any of above, pkt. 10c, 3 for 25c; oz. 25c, ¼ lb. 80c.

One pkt. each of the 11 new Sweet Peas on this page for 75c ; ½ oz. of each for $1.25 ; 1 oz. of each for $2.00.

John Ingman.

FLOWER SEEDS

A FEW BRIEF, PRACTICAL DIRECTIONS ON THEIR MANAGEMENT.

To be successful in the raising of plants from seeds requires much greater care than is commonly exercised, and many packets of valuable seeds are annually destroyed for the want of a little skill and forethought. Inattention or want of skill in watering is undoubtedly the main source of failure, *a single hour of a dry surface at certain stages of germination being sufficient in many cases to destroy life.* Amateurs especially are reminded that there can be no fixed time for watering; *the surface of the soil must never be allowed to become quite dry, neither must it at any time become decidedly wet,* and to maintain this intermediate state is one of the essential conditions of success.

FLOWERING PLANTS ARE USUALLY DIVIDED INTO THE FOLLOWING SECTIONS:.

ANNUALS, BIENNIALS, PERENNIALS.

Annuals—Plants which require to be sown annually, as they live and bloom only one season.

Biennials—Plants which do not flower until the second season after sowing, remain a certain time in perfection and then die. They are produced from seed and some of the finest varieties are propagated from cuttings.

Perennials—Plants which continue to grow and bloom annually.

Annuals are called either *hardy, half-hardy or tender.* Hardy annuals will grow and blossom in the border without any artificial heat or protection, and may be sown during the months of May and June. The soil should be well prepared and neatly leveled and the seed sown either in small patches, each kind by itself or in drills. In about a month, more or less, many of them will be fit to transplant, which should always be performed in cloudy or rainy weather.

Half-hardy annuals applies to those annuals which, although they will flower freely in the open ground, require artificial heat to assist germination, and protection from atmospheric changes during the earlier stages of their growth, many of them are of great beauty and interest and derive an additional value from flowering after most of the hardy annuals are out of bloom.

Tender annuals require the aid of greenhouse or conservatory to bring them to perfection. The seeds are generally sown in March, placing them in a warm part of the greenhouse or plunging them into a moderate hot-bed carefully protecting them from cold, shading them from the sun and watering them with a fine rose watering pot.

Biennials and Perennials may be sown at the same time Annuals of the same degree of hardiness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted and planted either in different parts of the garden, or into a nursery bed, in rows a foot or more apart. Some Biennials and Perennials may be sown in September. or as soon as the seeds are ripe, and if the plants get strong enough before the setting in of winter, most of them will flower the next season.

On the Preparation and Managemeot of a Hot-Bed for Raising Seedlings.

"Sow in heat, sow in hot-beds," are the directions so commonly found in the notices of half-hardy annuals, that we feel that we shall be materially aiding those who are their own gardeners if we give a few simple directions on the subject of hot-beds composed of stable manure, the most frequent and useful form in which it is to be found.

The preparation of the manure is a matter of great importance, and if the bed be expected to retain its usefulness for any length of time it should be well worked previous to being used. If obtained fresh from the stable yard and found to be dry, it should be well watered and thrown lightly together to ferment This will take place in the course of a few days, and three or four days afterwards it should be completely turned. well shaken and mixed, keeping the more littery portion to the interior of the heap; a second watering and turning may be necessary, although one will be generally sufficient. When thus cleansed of its rankness the beds may be made.

The situation for this should be dry underneath, sheltered from the north as much as possible and fully exposed to the sun; it should be built from two feet six inches to four feet high, and wider by six inches each way than the frame to be placed upon it. The manure should be well shaken and mixed up while being put together, and firmly pressed with the foot. The frame should be kept closed till the heat rises, and three or four inches of sifted sand or ashes should be placed on the surface of the bed. In a few days it will be ready for use, but air should be given night and day while there is any danger of the rank steam, and if the sand or ashes are drawn away from the side of the bed they should be replaced.

BRUCE'S 25 CENT FLORAL COLLECTIONS FOR 1907

The following collections of Flower Seeds are arranged specially for the benefit of purchasers who find difficulty in making a selection where there are so many varieties in a class to choose from. Each collection contains an assortment of the most brilliant shades, giving the greatest diversity of color obtainable, and all are selected from our choicest strains. We offer them at half our catalogue price to encourage the more general cultivation of flowers and to disseminate a knowledge of the different varieties We have been so successful in capturing the public taste with out selections that we feel a degree of pride in referring to it, and it is our intention to maintain this standard of perfection.

BRUCE'S COLLECTION OF FLORAL GEMS.

contains the following liberal and choice selection:

Sweet Alyssum, sweet scented.
Pansy, mixed colors.
Calliopsis, mixed colors.
Balsam, double flowered, mixed colors.
Mignonette, sweet scented.
Candytuft, fine mixed.
Larkspur, many varieties, mixed colors.
Dianthus (Pinks), single and double, mixed colors.
Petunia, striped and blotched.
Zinnias, large flowering, mixed colors.
Cornflower, fine mixed.
Phlox Drummondii, all colors.

Twelve beautiful varieties for 25 cents.

BRUCE'S EMPIRE COLLECTION OF ASTERS.

Queen of the Market, extra early.
Truffaut's Perfection, finest mixed.
Crown, with white centre, very attractive.
Victoria, very large blooms.
Giant Comet, flowers large and of fine form.
Late Branching, highly prized for cutting.

Six superb varieties, all colors, for 25 cents.

BRUCE'S ROYAL NOSEGAY OF SWEET PEAS.

White Wonder	Jennie Gordon.
Countess Spencer	Lottie Eckford.
Flora Norton.	Salopian.
Aurora.	Hon. Mrs. K. Kenyon.
Lady Nina Balfour.	Black Knight.

Ten exquisite varieties for 25 cents.

BRUCE'S PEERLESS COLLECTION OF DWARF NASTURTIUMS.

Bronze.	Empress of India.
Prince Henry.	Ruby King.
Vesuvius.	Yellow.
King Theodore.	Chameleon.

Eight of the finest varieties for 25 cents.

BRUCE'S PEERLESS COLLECTION OF TALL OR CLIMBING NASTURTIUMS.

Crimson.	Lucifer.
Edward Otto.	Primrose.
Firefly.	Oriental.
Vesuvius.	Madame Gunter hybrids.

Eight of the best tall or climbing sorts for 25 cents

BRUCE'S SELECTED FLOWER SEEDS

ALL FLOWER SEEDS SENT FREE BY MAIL AT CATALOGUE PRICES.

LIBERAL DISCOUNT ON FLOWER SEEDS IN PACKETS.

ALL WHO REMIT

$1.00	may select to the value of	$1 25
$2.00	" " " "	$2.50
$3 00	may select to the value of	$3.75
$4.00	" " " "	$5 00
$5.00	" " " "	$6.25

☞ These discounts do not apply to novelties, collections or seeds by the ounce

Abronia.

ABRONIA.

A pretty creeping plant, with verbena-like heads of sweet-scented flowers. Hardy annual

Umbellata Grandiflora—Delicate rose. Pkt. 5c

Arenaria—Lemon color. Pkt. 5c.

ABUTILON.

Large flowers, in red, white, rose and orange ; richly veined ; suitable for house in winter and garden in summer ; half-hardy shrubs ; easily raised from seed.

Finest mixed hybrids, pkt. 15c.

Abutilon.

ACONITUM.

Monkshood—A free blooming plant of easy culture ; flowers blue and white ; 3 feet. Hardy perennial. Pkt. 5c.

Ageratum.

AGERATUM.

Very valuable and showy bedding plants. If lifted in fall and placed in the parlor or greenhouse will keep up a succession of flowers during the winter. Annual.

Mexicanum—Blue. Per oz. 30c, pkt 5c.

Dwarf Blue—Azure blue ; very floriferous. Pkt. 5c.

Dwarf White—Extra fine. Pkt. 5c

Princess Pauline—Sky blue flowers with white centre. Very pretty. Height 7 inches. Pkt. 5c.

ALYSSUM.

Free flowering, useful, pretty little plants for beds, edgings and rock work, blooming all summer; they also succeed well in the greenhouse for winter and early spring flowers, and are much used in bouquets because of their delicate fragrance. Annual.

Sweet Alyssum—Height, ½ foot. Oz. 30c, pkt. 5c.

Little Gem—Dwarf compact habit; 4 inches. Pkt. 5c.

Saxatile Compactum—Flowers golden yellow; very pretty. Hardy perennial; height, 9 inches. Pkt. 5c.

AGROSTEMMA.

Coronaria—Rose Champion—Free blooming and pretty. Hardy perennial. Pkt. 5c.

Coeli Rosea—(Rose of Heaven)—Flowers bright rose, excellent for cutting. Height, 18 inches. Hardy annual. Pkt. 5c.

AMARANTHUS.

Ornamental foliage plants of an extremely graceful and interesting character, producing a striking effect whether grown in the conservatory or flower garden. Hardy annual.

Melancholicus ..uber—Crimson foliage, 2 ft. Pkt. 5c

Tricolor Splendens—Joseph's Coat ; very pretty ; 2 feet. Pkt. 5c.

AMPELOPSIS VEITCHII.

Japanese Ivy—This beautiful climber, generally known as Boston Ivy, is specially adapted for covering brick or stone buildings. Hardy perennial. Pkt 5c.

Plants (two-year-old) 25 cents each, $2.50 per doz., postpaid.

Sweet Alyssum.

Auricula.

ANTIRRHINUM.

Snap Dragon—An old garden favorite, of easiest culture. They thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make handsome edgings. Half-hardy perennial.

Queen of the North.—The plants form elegant symmetrical little bushes covered with large white flowers of beautiful form, standing well above the foliage; suitable for bedding and pot culture; 1½ feet. Pkt. 5c.

Tom Thumb—Finest mixed; ¾ foot. Pkt. 5c.

Tall Varieties—Finest mixed; 2 feet. Pkt. 5c.

New Giant Flowered—The flowers of this new strain are much larger than those of the old type, and the plants grow taller. For gorgeous colorings few flowers can match them. Raised under glass in spring and planted out, all the varieties will bloom profusely during summer and into autumn. Finest mixed. Pkt. 5c.

Antirrhinum.

AURICULA.

A well known variety of great beauty, succeeding best in northern aspect. Harlf-hardy perennial. Choice mixed. Pkt. 10c.

Extra Choice Mixed, from named flowers. Pkt. 25c.

Arctotis Grandis.

AQUILEGIA OR COLUMBINE.

An extremely showy genus of early summer blooming plants, their flowers being beautiful both in form and color. Hardy perennial. Choice mixture of single and double varieties. Pkt. 5c.

Aquilegia.

ARCTOTIS GRANDIS.

A remarkably handsome new annual from Southwest Africa, growing luxuriantly and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower-heads, borne on long stems and rising well above the foliage, are long and showy, from 2½ to 3 inches across; the ray florets being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Being of very easy culture, the plants produce their splendid flowers most abundantly. Pkt. 5c.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe Vine.)

A vigorous and rapid growing climber, and trained against the house or verandah the effect of its massive foliage is matchless; brownish colored pipe-shaped flowers. Hardy perennial. Pke. 10c.

ASPARAGUS SPRENGERI.

A beautiful new variety of this graceful class of plants. Specially useful to grow as a pot plant for decorative purposes or for planting in vases or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere it makes an excellent house plant. A vigorous grower, producing sprays four to five feet long, of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Flowers white, followed by red berries. Pkt. 10c.

ASPARAGUS PLUMOSUS NANUS.

A beautiful climbing plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are twelve to fifteen inches in length, and taper to a point from a width of twelve inches. One of the most beautiful decorative plants. Pkt. 20c.

Asparagus Plumosus.

ASTERS

The Aster is not only one of the most popular, but also one of the most productive of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most beautiful and perfect form. In our flower beds and mixed borders it occupies a deservedly prominent position. All the varieties delight in a rich, deep soil, and in hot, dry weather should be mulched with well-rotted manure, and frequently watered. Hardy annual.

Our Special Offer in Asters

BRUCE'S EMPIRE COLLECTION FOR 1907

Six Superb Varieties for 25 Cents.

All separate; mailed to any address for 25 cents; usual catalogue price 55 cents.

Queen of the Market, Victoria, Perfection, Late Branching, Giant Comet, Crown.

LATE BRANCHING ASTER.

A variety of American origin. The flowers are large, exceedingly graceful and handsome, and are borne erect on very long stems. The broad, wavy petals are gracefully curled or twisted. Being a late bloomer the flowers come at a time when other kinds are scarce, and are thus the more prized.

Pure White.. ..Pkt. 10 Purple. .. .. ..Pkt. 10
Shell Pink .. ..Pkt. 10 Lavender. .. ..Pkt. 10
Crimson.. .. ..Pkt. 10 All colors mixed Pkt. 10

GIANT COMET ASTER.

A magnificent class, of strong growth. The handsome flowers, which are extremely loose and graceful, are borne on long stems; of great value for general decorative purposes; height 18 to 24 inches.

Salmon Rose—New. Pkt. 10c.

The Bride—White, changing to rose. Pkt. 10c.

Pure White.. ..Pkt. 10 Pink .. ..Pkt. 10
Crimson.. .. ..Pkt. 10 Lavender. .. ..Pkt. 10
Purple. .. .. ..Pkt. 10 Mixed, all colors Pkt. 10

QUEEN OF THE MARKET.

An extra early variety of graceful spreading habit; valuable for cutting.

Pure White .. ..Pkt. 5 Scarlet. .. .. ..Pkt. 5
Pale Pink. .. ..Pkt. 5 Purple . .. .Pkt. 5
Choice Mixed. ..Pkt. 5

LARGE FLOWERED VICTORIA.

A magnificent race of Aster; flowers are large, globular and double; plants pyramidal, bearing from 10 to 12 blooms at one time; height 18 to 20 inches.

Pure White.. ..Pkt. 10 Peach Blossom. Pkt. 10
Pale Pink .. ..Pkt. 10 Crimson.. .. ..Pkt. 10
Light Blue .. ..Pkt. 10 Purple .. .. ..Pkt. 10

Choice Mixed, all colors, pkt. 10c.

Imported collection of 12 Separate colors, $1.00.

Imported collection of 6 separate colors, 60c.

Daybreak—The flowers are round, very large and full, on long stems. The color is a lovely, seashell pink. It is an early bloomer and a strong compact grower. Pkt. 10c.

Giant Comet Aster.

ASTERS—Continued.

Truffaut's Paeony-Flowered Aster.

TRUFFAUT'S PAEONY-FLOWERED.

One of the most perfect and popular of all Asters, the flowers being very double, large and handsome; petals incurved; height 18 to 24 inches.

Snow White ..Pkt. 10c Bright Rose. ..Pkt. 10c
Pale Pink .. ..Pkt. 10c Light Blue.. ..Pkt. 10c
Crimson. .. ..Pkt. 10c Purple .. .. ..Pkt. 10c
Choice Mixed, all colors.. .. ..Pkt. 10c
Imported collection of 12 separate colors 85c
Imported collection of 6 separate colors. 50c

"SUNLIGHT"—Sulphur Yellow.

The finest of its color. The flowers are borne on long stiff stems, and measure 3 to 4 inches in diameter; height 18 to 20 inches. Pkt. 10c.

NEW HOHENZOLLERN.

A new large flowered strain of the best Comet type. Plants are of a strong bushy habit of growth, the handsome flowers being borne on long strong stems, are unsurpassed for cutting, height 20 to 24 inches.

White. .. .. ..Pkt. 10c Pale Pink .. ..Pkt. 10c
Mixed, many colors. .. ..Pkt. 10c

DWARF VICTORIA.

Admirably adapted for bedding and also florists' use ; height 9 to 12 inches.

Pure White. Pkt. 10c.
Choice Mixed, all colors. Pkt. 10c.

New Japanese—The flowers are of immense size, with long petals curiously waved and curled, so as to give them a striking resemblance to the most disheveled Japanese Chrysanthemums ; height 14 to 15 inches. Mixed colors. Pkt. 10c.

Dwarf Chrysanthemum-Flowered—Flowers very large and double, resembling Chrysanthemums. Valuable on account of profuse late blooming ; height 9 to 12 inches.

Pure White, extra fine. .. ..Pkt. 10c
Choice Mixed, all colors .. ..Pkt. 10c

Comet—Charming and distinct ; are large and double, resembling in the shape, and artistically curved and twisted petals the finest Chine e Chrysanthemums ; height 12 to 15 inches.

Pure White, extra fine.. .. ..Pkt. 10c
Pink.. .. .. ..Pkt. 10c Finest Mixed ..Pkt. 10c

Victoria Needle—Flowers large and double; petals twisted as round as needles, the effect being unique and charming ; height 18 inches.

Choice Mixed, all colors .. ..Pkt. 10c

Mignon—Medium sized flowers of the Victoria type ; profuse bloomer. Very popular for cut flower work ; height 1 foot.

Pure White....Pkt.10c Mixed Colors....Pkt. 10c

Crown or Cocardeau—A very showy variety ; flowers double, with a white centre surrounded by petals of a distinct bright color; height 18 to 20 inches. Choice mixed. Pkt. 10c.

Lady in White—The pure white flowers of this free-flowering variety are borne on slender stalks, and have the same graceful semi-globular form as the Mignon. Indispensable for florist work. Pkt. 10c.

Giant Emperor—Flowers of an enormous size, very double, and of great beauty ; height 2 feet. Pkt. 10c.

Triumph—A distinct variety, forming compact plants from 8 to 10 inches high. The flowers are large, and of rare beauty, the petals being beautifully incurved. Makes a fine pot plant, and is unequalled as a bearer. Choice Mixed. Pkt. 10c.

German Quilled Betteridges—Petals quill shaped ; flowers large and double ; height 2 feet. Choice Mixed. Oz. 75c, pkt. 5c.

China—Choice mixed. Oz. 75c, pkt. 5c.

BRUCE'S SUPERB MIXTURE OF ASTERS

The best large-flowering varieties of different types, suitable for cut flowers. This select mixture contains a liberal proportion of white and light shades, insuring a most satisfactory result in color. ¼ oz. $1.00, pkt. 10c.

DOUBLE BALSAM

Well known and deservedly popular plants, producing flowers in wonderful profusion, resembling the Camellia in form, and often fully as double. Half-hardy annual.

White and Crimson—Separate colors. Each per pkt. 10c.

Double-Flowered—Extra choice mixed. Oz. 75c, pkt. 10c.

Double-Flowered—Fine mixed. Oz. 50c, pkt. 5c.

Solferino—Spotted and striped. Pkt. 5c.

IMPORTED COLLECTIONS.

Camellia Flowered—Six distinct colors 50c

BALLOON VINE.

Cardiospermum Halicacabum—A genus of rapid growing climbers, remarkable for an inflated balloon-shaped seed capsule, which it bears in clusters; height, 6 to 8 feet. Annual. Pkt. 5c.

BARTONIA AUREA.

Very showy; golden yellow; height 1½ feet. Annual. Pkt. 5c.

BROWALLIA.

Speciosa Major—The plants of this new variety grow only about a foot high, forming dense little bushes, which are covered with an abundance of the most intense violet blue flowers, much larger than those of the older sorts. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Annual. Pkt. 10c.

BRACHYCOME.

Swan River Daisy—Dwarf, free flowering plants; covered all summer with a profusion of Cineraria-like flowers; very attractive in edgings, rustic baskets or for pot culture. Half-hardy annual.

Iberidifolia—Fine mixed; ½ foot. Pkt. 5c.

Single Begonias.

BEGONIA.

Tuberous rooted; new hybrids. These splendid varieties produce handsome plants from 12 to 18 inches high, covered the whole summer with bright and elegant flowers of almost every shade of color; flowers of some varieties attain an extraordinary size, being frequently 6 inches in diameter. Plants do best when grown in a partially shaded situation. Seedlings raised in heat early in spring will flower the same summer.

Single varieties, finest mixed, pkt. 10c.

Double varieties, finest mixed, pkt. 25c.

Begonia Semperflorens—A perpetual flowering section of great value for bedding. Seedlings of spring bloom in summer, while seedlings of summer make valuable decorative plants for the greenhouse during winter.

Vernon—A fine bedding sort, with rich red flowers, and glossy bronze red foliage. Height 6 inches. Pkt. 20c.

CALCEOLARIA.

Plants of highly decorative character, indispensable for the ornamentation of the greenhouse and garden. C. Hybrida is grown for indoor decorations, while C. Rugosa, a shrubby variety, is sometimes grown for indoor and sometimes for outdoor decorations. Half-hardy perennial.

Hybrida—Finest mixed, from prize flowers; 2 ft. Pkt. 25c.

James' International Prize—Unequalled for size and brilliancy of color; 2 feet. Pkt. 50c.

Rugosa—Mixed; valuable for bedding; 1 foot. Pkt. 25c.

CALENDULA.

Pot or Garden Marigold — Remarkably profuse blooming plants; their easy culture and continuous bloom make them valuable for beds and borders. Hardy annual.

Meteor — Double yellow flowers, striped with orange. Pkt. 5c.

Fine Mixed—Many colors. Pkt. 5c.

Calendula.

CANARY BIRD FLOWER.

Tropaeolum—Bright fringed, yellow creeper; very ornamental; a general favorite; 10 feet. Half-hardy annual. Pkt. 5c.

CALLIOPSIS OR COREOPSIS.

This genus is one of the most striking of all annuals, the varieties being very effective in mixed borders, while the dwarf, from their compact habit, are well adapted for beds, the colors all being strikingly beautiful. Hardy annual.

Drummondi—Orange yellow. Pkt. 5c.

Nigra Speciosa—Rich crimson; 1 foot. Pkt. 5c.

Tinctoria—Crimson brown, tipped yellow; 2 ft. Pkt. 5c.

Fine Mixed—All colors. Oz. 30c, pkt. 5c.

Double—Flowers are double and semi-double; yellow and maroon; very pretty. Pkt. 5c.

Coreopsis Lanceolata Grandiflora—One of the best hardy garden plants. The flowers are large, of a bright golden yellow, freely produced on long stems from June till frost; excellent for cutting; height 3 feet. Pkt. 5c.

CAMPANULA.

Canterbury Bell.

Canterbury Bell—Well known favorite, bearing large bell and saucer-shaped flowers; well adapted for borders and pot culture. Half-hardy biennial. Single, mixed.....Pkt. 5c. Double mixed.....Pkt. 5c.

Cup and Saucer (Calycanthema)—Pink, pkt. 5c; fine mixed, pkt. 5c.

Superb Mixed—This special mixture includes single, double and Calycanthema varieties, in all colors .. .. ..

Corn Flower.

CENTAUREA.

Splendid border plants; some, such as the Cornflowers, Sweet Sultans, etc., being prized for their handsome flowers; others for their ornamental and picturesque foliage.

White Leaved Varieties.

The silvery foliaged Centaureas are amongst our most beautiful and valuable bedding plants; should be started early, in gentle heat. Half-hardy perennial.

Candidissima—Broad white foliage; 1 foot..... Pkt. 10c
Gymnocarpa—Narrow silvered foliage; 1 foot..... Pkt. 5c

CENTAUREA IMPERIALIS OR GIANT FLOWERED SWEET SULTANS.

These new hybrids are admirably adapted for cut flower use, being almost double the size of the well known Marguerite. The flowers are borne on long stout stems and are very lasting, and if cut when scarcely opened and placed in water they will keep for ten days; 2 feet.

Giant White—(Centaurea Imperialis alba)..... Pkt. 10c
Giant Mixed—All colors..... Pkt. 10c
Yellow Sweet Sultan—Large, bright yellow flowers, very fragrant and useful for bouquets; 1½ feet..... Pkt. 5c
Sweet Sultan—Mixed colors; 1½ feet..... Pkt. 5c

CORNFLOWER—Centaurea Cyanus.

A very hardy annual for borders. Flowers most suitable for bouquets; 2 feet.

Emperor William—Deep blue, splendid..... Pkt. 5c
Single Mixed—All colors..... oz. 30c, pkt. 5c
Double Mixed—Handsome double flowers of various colors..... Pkt. 5c

CLEMATIS.

A beautiful fragrant climber; perfectly hardy; seeds often lie dormant for weeks. Hardy perennial. Choice mixed..... Pkt. 10c

CHELONE—BARBATA.

Hybrida. An excellent hardy perennial, producing long spikes of flowers, ranging in color from light pink to deep red and violet; 2½ feet..... Pkt. 5c

CLARKIA.

Beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; but when planted in rich soil and properly attended to they rank among the most effective of bedding plants. Hardy annual.

Single Mixed—Many sorts; 1 foot..... Pkt 5c
Double Mixed—Many sorts; 2 feet..... Pkt. 5c

CHINESE PRIMROSE—See Primula, page 61.

CHRYSANTHEMUM.

The annual or summer flowering Chrysanthemums are very effective border plants. They are of easy culture, growing rapidly and flowering freely the whole summer; the flowers of various colors, are bright and attractive, and being borne on long stems are generally prized for cutting.

Single annual varieties, many colors..... Pkt. 5c
New single yellow, "Evening Star," see page 39.
Double annual varieties, white and yellow..... Pkt. 5c

Single Annual Chrysanthemum.

Double Hybrids—The flowers of this charming new strain are large and double, the colors being beautiful and diversified, the petals exquisitely fringed and pencilled..... Pkt. 10c

Shasta Daisy.

SINGLE PERENNIAL VARIETIES.

The Shasta Daisy (Chrysanthemum Leucanthemum hybridum)—The best of the large flowering perennial Daisies. The plants are entirely hardy, blooming better and more abundantly each season; flowers measure fully 4 inches across and have three or more rows of long slender snowy-white petals surrounding a small golden center or eye. As the flowers come singly on a stiff slender stem, nearly 2 feet in length, they are especially useful for decorative purposes..... Pkt. 10c

Marguerites, or Paris Daisies—Largely grown for cut flowers. They flower all summer in the garden and make elegant pot plants for winter bloom.

Frutescens—White..... Pkt. 10c
Maximum—Large ox-eyed daisy; white flowers; hardy. Pkt. 10

DOUBLE PERENNIAL VARIETIES.

These are the double sorts which attract so much attention at the autumn shows.

Indicum Grandiflorum—Finest mixed..... Pkt. 25c
Japonicum (Japanese varieties).—Finest mixed..... Pkt. 25c

CINERARIA.

A well known greenhouse favorite; owing to the richness and diversity of its colors it is one of the most valuable of our early spring flowers; succeeds best in light, rich. free and open soil. Greenhouse perennial.

Bruce's Prize—The flowers possess extraordinary substance, and are of immense size under good cultivation. For exhibition purposes it is unsurpassed .. ..Pkt. 25c

James' Giant—Plants of this superb strain are remarkable for their dwarf growth, the immense size of their blooms and well defined brilliant and delicate colors..Pkt. 50c

Cineraria Radiata Hybrida—See Novelties, page 39.

CINERARIA MARITIMA.

(Dusty Miller.) White foliage; very or namental. Half-hardy perennial.

Maritima Candidissima—An extra fine variety.. .. ..Pkt. 5c

Bruce's Prize Cineraria.

Cockscomb.

COCKSCOMB.

Celosia—Highly ornamental, curious looking flowers for the greenhouse and garden. The following sorts have been saved from combs remarkable for their size, symmetry and color. Half-hardy annual.

Glasgow Prize—An extra fine dwarf variety, with immense crimson combs .. ..Pkt. 20c

Dwarf Mixed—Splendid .. ..Pkt. 10c

Pyramidalis Plumosa—Magnificent annuals, with charming feathery plumes of the richest colors, most effective for either pot or outdoor planting; 2 feet; fine mixed.. .. ..Pkt. 5c

Thompson's Superb—(Triumph of the Exposition)—Pyramidal in growth, attaining a height of a little more than two feet. Each stem i crowned with a magnificent feathery plume of the most intense brilliant red which is admirably set off by the bronze colored foliage .. ..Pkt. 5c

CONVOLVULUS...(See Morning Glory, page 56.)

COSMOS.

Mammoth Perfection—This new selection will be found a decided improvement on the old variety, the flowers being so much larger, usually 4 to 5 inches across. It is a strong and vigorous grower, and produces its beautiful single Dahlia-like flowers with the greatest freedom. Seed should be sown early, and the plants, which grow 4 to 5 feet high, set out 2 to 3 feet apart. Half-hardy annual.

Mammoth White .. ..Pkt. 5c Mammoth Mixed .. ..Pkt. 5c

New Fringed—Flowers of this charming variety are beautifully fringed with pink, white and red.. .. ..Pkt. 10c

New Early Flowering—This variety comes into bloom in July, and continues to flower until cut down by frost. The flowers are white, pink and crimson, all colors mixed. 4½ feet high .. ..Pkt. 10c

COBAEA.

Scandens—A beautiful climber, with large, bell shaped flowers and elegant leaves and tendrils. It is of very rapid growth and consequently eminently adapted during the summer for warm situations out of doors; in sowing place the seeds edgeways and cover slightly. Half-hardy annual.

Purple .. ..Pkt. 10c. White .. ..Pkt. 10c

Cobaea Scandens.

Cosmos.

COLEUS.

Handsome foliage plants, remarkable for their great variety and brilliancy of colors; indispensable for bedding; easily grown from seed. Choice mixed: 2 feet .. ..Pkt 25c

COLLINSIA.

Attractive in beds or mixed borders. Hardy annual. Mixed colors, 1 to 2 feet .. ..Pkt. 5c

CORDYLINE. (Dracaena.)

Beautiful decorative foliage plants.

Australis—Fine for vases, broad green leaves..Pkt. 10c

Indivisa Lineata—Very graceful, narrow foliage.Pkt. 10c

CORN FLOWER...(See Centaurea, page 48.)

COWSLIP.

An early spring blooming border plant. Treatment about the same as for Pansies. Perennial. . . . . ..Pkt. 5c

CUCUMBER, ORNAMENTAL.

An interesting tribe of plants, remarkable for their luxuriance and rapidity of growth, which, if the soil is rich, is marvelous. Annual.

Snake Cucumber—(Cucumis Flexuosus)—10feet..Pkt. 5c

Wild Cucumber—(Echinocystis Lobata)—This is the quickest climber known. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted with pretty white fragrant flowers. The seed should be soaked in water for at least 24 hours before planting. Once planted this vine seeds itself and comes up every year. Oz 20c, pkt 5c

CYPERUS ALTERNIFOLIUS.

Umbrella Plant—Handsome half-hardy perennial; the long slender stems being surmounted by plumes of narrow green shining leaves; succeeds best in moist situations; valuable for aquariums; easily raised from seed. Pkt. 10c.

Giant Flowered Cyclamen.

CYPRESS VINE.

Ipomea Quamoclit—A most beautiful climbing plant, with very delicate fern-like foliage. Half-hardy annual; 10 feet. **Scarlet** . . . .Pkt. 5c **Finest Mixed**. . . Pkt. 5c

Dracaena—See Cordyline, page 49. **Delphinium**—See Larkspur, page 54.

CYCLAMEN.

A genus of the most beautiful and elegant winter and spring blooming plants for pot culture; if sown early in spring under glass and well grown will make flowering bulbs in one year. The seed we offer is from the finest strains.

Giganteum—This section is remarkable for the immense size and magnificent colorings of the flowers

Giant White—Pure white..Pkt. 25c

Giant Crimson—Deep crimson . . . .Pkt. 25c

Giant Mixed . . . .Pkt. 25c

Persicum—Choice mixed ..Pkt. 10c

New Butterfly—(Persicum papilio) The flowers of this magnificent new strain are of the largest size. The edge of the broad petals are frilled, fringed and curled, and the colors range from purest white through delicate pink to rose and crimson.. .. ..Pkt. 25c

DICTAMNUS (Gas Plant).

Favorite old-fashioned border plants cultivated for their showy flowers and fragrant foliage. Hardy perennial; 2 feet.

Fraxinella—Rose purple..Pkt. 5c

Datura.

DOLICHOS.

Hyacinth Bean—A beautiful class of quick growing ornamental climbers, bearing clusters of white and purple bean-shaped blossoms. Seed pods are quite ornamental. Annual 12 feet; mixed .. ..oz. 20c, pkt. 5c

Purple Soudan—A highly decorative climber. The stems are of intense purple color and the beautiful long flowers that are produced during the whole summer are of a brilliant rose, contrasting strikingly with the dark foliage. The seed pods are themselves an ornament to the plant, owing to their dark red color. For covering walls, trellises, etc., will be found invaluable. .. . .Pkt. 5c

DAHLIA.

The Dahlia is one of the most popular of our autumn flowering plants. Although perennials, these flower the same season from seed if sown in the house in February or March; the single sorts will bloom from seed sown in the open ground as late as June. The roots should be placed in dry sand and kept in cellar where there is no frost during winter.

Double Daisy.

Double—Large flowered; choice mixed.. . . . . ..Pkt. 10c

Double Pompone or Bouquet Varieties—Finest mixed . . . . ..Pkt. 10c

Cactus-Flowered Double—Finest mixed hybrids . . . .Pkt. 10c

Single—Finest mixed; very showy . . . .Pkt. 5c

Dormant Tubers—Finest named varieties .. . .each 20c, doz. $2.00

Dormant Tubers—Mixed varieties. . . . . ..each 10c, doz. $1.00

DATURA.

Trumpet Flower—A tribe of highly ornamental plants with large trumpet-shaped flowers; 3 feet. Annual.

Double Varieties—Finest mixed.. . . . . ..Pkt. 5c

DOUBLE DAISY.

Bellis Perennis—A well known and favorite plant for the border or pot culture. Half-hardy perennial.

Snowball—Extra large, very double; pure white flowers .. ..Pkt. 10c

Longfellow—Double dark rose . . . .Pkt. 10c

Choicest Mixed . . . .Pkt. 10c

DIANTHUS—PINKS.

These handsome single and double pinks are deservedly popular. The flowers, which are large, embrace all colors from white to deep crimson, while most of them are beautifully variegated. The plants bloom the entire summer and fall, and also the second season if slightly protected during the winter.

Single Mixed—Bruce's Selected—A splendid mixture of rich and brilliant colors ; flowers large and handsome, many being brilliant fringed. Excellent for cutting .. ..oz. $1.50, pkt. 5c

DOUBLE ANNUAL VARIETIES.

Imperial—Flowers of blood-red ground color, irregularly striped and splashed with white and pink, a charming variety... .. ..Pkt. 5c

Mourning—The flowers are large, colors unique, rich purple maroon, etc., edged with white. Pkt. 5c

Diadem—Many colors, beautifully striped and laced.. .. ..Pkt. 5c

Laciniatus—Fringed flowers of rare beauty. Pkt5c

Finest Double Mixed—Consisting of the best double varieties, all colors. .. ..oz. $2.50, pkt. 10c

Mixed—China or India Pink .. ..oz. 50c, pkt. 5c

HARDY PERENNIAL PINKS.

Double Pheasant's Eye—Double, large flowering, sweet scented hardy pink, flowers finely fringed, of various colors, finest mixed .. ..Pkt. 10c

"Cyclop" Pinks—New single Pinks of unapproachable beauty, the predominating colors being rose, flesh pink, copper color, salmon, wine red, white, crimson, etc., the beauty of every flower being further enlivened by a large eye-like zone of velvety blood-red ; clove-like perfume. The blossoms are smooth-edged, round, and fully 6 inches in circumference. Mixed colors. .. .. ..Pkt. 10c

Paisley or Florists' Pink—Finely fringed double flowers ; strong clove fragrance ; especially desirable for cut flowers. .. ..Pkt. 25c

French Perpetual Flowering—A new large flowered strain of semi-double and double flowers of bright colors, with broad petals, deliciously scented. .. ..Pkt. 15c

ESCHSCHOLTZIA.

California Poppies—An exceedingly showy, profuse flowering class of plants, with extremely rich and beautiful colors, very attractive. Hardy annuals

California—Bright yellow, showy; 1 ft...Pkt. 5c

Rose Cardinal—Beautiful carmine rose..Pkt. 5c

Mandarin—Bright orange, shaded crimson Pkt. 5c

Golden West—Flowers large, bright yellow, with large rayed blotch of deep orange at base of petals. .. ..Pkt. 5c

Fine Mixed—All colors.. .. ..oz. 30c, pkt. 5c

Double Varieties—White and yellow mixed Pkt 5c

Dianthus—Pinks.

EVERLASTING PEA.

Lathrus—Showy, free flowering plants; very ornamental on trellis work, old stumps, or for covering fences or walls; height 5 ft. Hardy perennial.

Scarlet and White .. ..each pkt. 5c

Fine Mixed. .. ..Pkt. 5c

Pink Beauty—Of a soft and charming rose pink shade .. ..oz. 30c, pkt. 5c

EUPHORBIA.

Variegata (Snow on the Mountain)—Attractive foliage, veined and margined with white, hardy annual ; 2 feet .. ..Pkt. 5c

FERNS.

These graceful foliage plants thrive best when planted in a peatty, sandy soil, in moist shady positions. The seed, which is a little slow to germinate, should be sown on the surface in seed pans or pots, keep moist, and in a temperature of 60 degrees.

Greenhouse Varieties—Choice selection.Pkt. 25c

Hardy Varieties—Choice selection.. ..Pkt. 15c

FREEZIA.

The flowers, which are largely used by florists in cut flower decorations, are pure white, blotched with yellow on the lower petals, and have a delicate musk perfume. The seeds produce a bulb, which plant in October in light soil; give plenty of light and sun. When done flowering put away the bulb in a dry place until next planting....Pkt. 5c

FUCHSIA.

Well known greenhouse plants ; the seed we offer has been selected and saved from the finest named varieties. Greenhouse shrubs.

Double and Single—Splendid mixed....Pkt. 25c

FEVERFEW—See Matricaria, page 55.

Flower Seed Collections—See page 41.
Flowering Bulbs—See pages 69 and 70.
Plants—See pages 71 to 77.

GLOXINIA.

A superb genus of summer blooming plants of great beauty and diversity of color. Sow the seed under glass in early spring, and place in a warm, moist and shaded position transplant seedlings as soon as fit. Gloxinias thrive best in sandy peat or loam. When in flower keep partially shaded from the bright sunshine. The bulbs should be kept dry and from frost during winter. Greenhouse plant, splendid mixed varieties, all colors .. .. ..

HELIOTROPE.

A well known genus, of profuse flowering and deliciously fragrant plants. Half-hardy perennial.

Fine Mixed Varieties .. ..Pkt. 10c

HIBISCUS.

A very ornamental and showy plant, well adapted for mixed or shrubbery borders. Tender annual.

Africanus—Color cream, brown centre ; 1½ feet..Pkt 5c

HONESTY.

Lunaria Biennis—A handsome hardy biennial with purple or white flowers, followed by numerous silvery seed pods, much prized for winter decoration; 2 feet.. ..Pkt. 5c

HONEYSUCKLE.

Hedysarum—Very hardy plants, producing racemes of attractive pea-formed flowers, in two colors, scarlet and white. Perennial.. .. ..Pkt. 5c

HUNNEMANIA.

The so-called Bush Eschscholtzia. The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on long stems. The color is of clear, bright yellow, the petals are broad and crinkled like crushed satin, and as cut flowers remain in perfection for a long period .. ..Pkt. 5c

Gypsophila.

HUMULUS JAPONICUS.

Climbing Hop—A plant of very rapid growth, beautiful when planted isolated and properly supported, also valuable for trellises, etc. Annual. .. ..Pkt. 5c

Variegatis—The foliage of this variety is distinctly marked with silvery white, yellowish-white, light and dark green .. ..Pkt. 5c

Hollyhocks.

GYPSOPHILA.

Paniculata—A handsome hardy perennial, with graceful, branched panicles of small white flowers, which are highly prized for bouquets. Height 2 feet .. ..Pkt. 5c

Elegans—Hardy annuals ; feathery white flowers, useful for bouquets. Height 18 inches. .. ..Pkt. 5c

HOLLYHOCKS.

A splendid plant for autumn decorations, and from its stately growth and varied colors of its magnificent spikes of flowers, may justly demand a place in every large garden or pleasure ground. Hardy perennial.

Fine Mixed .. ..Pkt. 5c
Splendid Double Mixed .. ..Pkt. 10c
Chaters collection of 12 varieties..$1.00
Chaters collection of 6 varieties... 60c
Mammoth Fringed Allegheny—The flowers are of mammoth size, 5 to 7 inches in diameter, and gracefully formed of loosely arranged fringed petals, which look as though made from the finest China silk. The colors range from the most delicate shell pink to dark red. Mixed colors .. ..Pkt. 10c

Ice Plant.

HEUCHERA.

Without doubt one of the finest perennials. The plants, as will be seen from our illustration, are of fine compact habit, with elegant deep green foliage. The flowers are borne on elegant spikes, and can be used with fine effect in cut flower decorations. It is easily raised from seed, perfectly hardy, and should be in every garden; height 18 inches. **Sanguinea**—Rich bright crimson. Pkt 10

Heuchera.

ICE PLANT.

A dwarf trailing plant, much used for garnishing. The leaves and stems are covered with crystaline globules, giving it the appearance of being coated with ice. Half-hardy annual....Pkt. 5c

INCARVILLEA DELEVAYI.

The flowers, which resemble a Gloxinia in shape, are produced on stout stalks. about 2 feet high, and are of a rosy-carmine color, spotted with yellow ; the throat is brown. It is of easy culture, and it will bloom during the first year if the seed be sown in a cold frame very early in the spring. Should be well protected with leaves during the winter, or the roots lifted and stored in dry sand in a cellar .. ..Pkt. 15c

IMPATIENS SULTANI HYBRIDA.

One of the most useful plants of recent introduction. Remaining in bloom for a long period, they produce lovely flowers, varying in color from delicate pink to the deepest red. Tender perennial. Height 3 feet. .. ..Pkt. 25c

JACOBEA.

Senecio—Free flowering plants, producing their gay colored flowers in great profusion ; very effective for beds. Hardy annual. Fine mixed, all colors . . . . . Pkt. 5c

KENILWORTH IVY.

Linaria Cymbalaria—Splendid plant for hanging baskets, rustic work, etc. Hardy perennial..Pkt. 10c

KOCHIA SCOPARIA or Summer Cypress.

The plants grow freely from seed grown in the open ground, when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the fall the plants are always of globe-like form. The plants branch freely, and the stems are clothed with slender light green leaves. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers—the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round ball-like form on all sides, or grown in continuous rows or hedges. Pkt 10

LOBELIA.

A very valuable and beautiful class of mostly dwarf growing plants, their delicate drooping habit and the profusion of their charming little blue and white flowers render them exceedingly ornamental for rustic or hanging baskets, while for border cultivation they are equally effective. Half-hardy annual.

Compacta Crystal Palace—Dark blue, excellent for edging. . . . . Pkt. 10c
Erinus Alba Compacta—Pure white. . . Pkt. 10c
Speciosa—Blue, fine for bedding; ½ ft. . Pkt. 5c
Gracilis—Pale blue, fine for vases, trailing. Pkt 5c
Prima Donna—Rich crimson, dwarf compact. . . . . Pkt. 10c
Cardinalis Queen Victoria—Very dark leaves and beautiful flowers of brilliant scarlet, quite constant, splendid acquisition. Perennial. . . . Pkt. 20c

LILY OF THE VALLEY.

Convallaria Majalis—Will thrive in any common soil and in shady situations. Hardy perennial. . . . . Pkt. 10c

LAVATERA—(Tree Mallow).

A very beautiful and showy annual, growing about 2 feet high, and covered during the entire summer with large cup-shaped flowers. Sow in May where they are to flower, and thin out to 12 inches apart.

Trimestris—Mixed pink and white . . . . Pkt. 5c

LARKSPUR—DELPHINIUM. Annual Varieties.

Very ornamental plants, possessing almost every requisite for the adornment of the garden. Profuse bloomers, and great variety of brilliant colors.

Dwarf Rocket—Hyacinth flowered, finest mixed; 1 foot . . . . . oz. 25c, pkt. 5c
Giant—Hyacinth flowered, finest mixed ; 2 feet . . . . . oz. 25c, pkt. 5c
Tall Branching—Stock flowered, finest mixed ; 1 foot . . . . . oz. 25c, pkt. 5c
Emperor—Very double, extra fine, oz. 25c, pkt. 5c

Perennial Varieties.

Perennial Larkspur.

Perpetual Larkspur—One of the best hardy herbaceous plants, flowering in great profusion throughout the summer; flowers in large spikes of endless shades of colors, from pearl white to the richest and deepest blue.

Formosum—Deep Gentian blue, with white eye, very attractive; 3 ft. Pkt. 5c.

Formosum Coelestinum—(Pillar of Beauty)—Large light blue flowers, fine contrast to preceding . . . . . Pkt. 10c
Nudicaule—Scarlet, dwarf habit; 1 foot. Pkt. 10c
Zalil—Sulphur yellow plant, of branching habit; really handsome ; it requires a shady situation ; 3 feet . . . . . Pkt. 10c
Finest single mixed hybrids . . . . . Pkt. 5c
Finest double mixed hybrids . . . . . Pkt. 10c

Linum Rubrum.

LOPHOSPERMUM SCANDENS.

A very beautiful and ornamental climber, with handsome showy Foxglove-like flowers ; very effective for conservatory or garden decorations ; rosy-purple flowers ; 10 feet. Half-hardy perennial . . . . . Pkt. 10c

LYCHNIS.

Very free flowering herbaceous plant. Hardy perennial.

Chalcedonica—Bright scarlet ; pretty ; 2 feet. . . . . Pkt. 5c
Haageana—Hybrid mixed ; 1 foot . . . . Pkt. 10c

Lantana.

LINUM.

Flowering Flax—One of the brightest colored of summer annuals; flowers glowing crimson rose ; 1 foot. . . . . Pkt. 5c

MALOPE.

A handsome plant of branching habit, with large showy flowers. Hardy annual . . . . . Pkt. 5c

LANTANA.

A very desirable class of plants for indoor pot culture and summer bedding, constantly in bloom; verbena-like heads of orange, white and rose. Half-hardy perennial. The seed should be sown in hot bed, or in boxes of light soil in warm, sunny window in March or April. Finest mixed. . Pkt. 5c

MARIGOLD.

A tribe of well-known free flowering plants, with handsome double flowers of rich and beautiful colors; very effective in beds, borders, etc. Half-hardy annual.

DOUBLE AFRICAN MARIGOLD.

Collection of six finest double varieties. 50c
Orange and Lemon—Quilled varieties; each. . . . . .Pkt. 5c
Tall Double—Finest mixed . . . . . .oz. 30c, pkt. 5c

DOUBLE FRENCH MARIGOLD.

Collection of six finest varieties 40c
Dwarf—Gold striped, very handsome . . . . . .Pkt. 5c
Dwarf—Finest mixed ; ½ foot . . . . . .oz. 30c, pkt. 5c
Tall—Choice mixed ; 2 feet . . . . . .oz. 30c, pkt. 5c

SINGLE FRENCH MARIGOLD.

Gold Ring—This really charming variety is of dark brown velvety color, gracefully surrounded with a distinct gold ring ; height 9 inches. . . . . .Pkt. 5c
Legion of Honor—Flowers bright yellow, distinctly blotched rich brown. The plants are dwarf and compact, and remain in bloom a long time; height 9 inches. .Pkt. 5c
Pot or Garden Marigold—See Calendula, page 46.

Double French Marigold

Double African Marigold.

MARTYNIA.

Very handsome free flowering plants, with large flowers of great beauty. The young fruit or seed pods are highly esteemed for pickling. Half-hardy annual; 2 feet. .Pkt. 5c

MATRICARIA.

Double Feverfew—Pure white double flowers; a desirable bedding plant, and largely used for cemetery decoration. Hardy annual . . . . . .Pkt. 5c

MATHIOLA.

Bicornis—(Night Scented Stock)—For the exquisite perfume, profusely exhaled in the evening, this hardy annual should be grown in every garden. Flowers lilac. Height 1 foot . . . . . .Pkt. 5c

MAURANDIA.

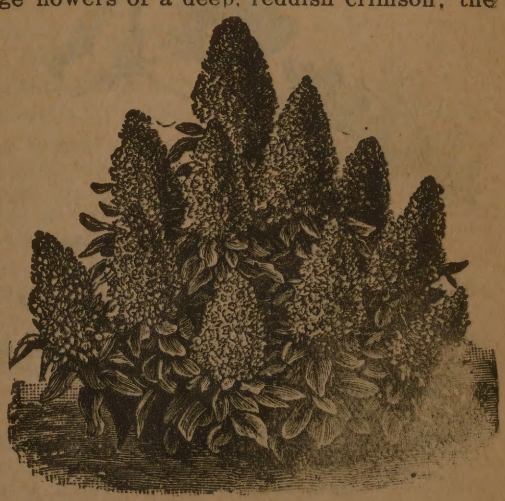
Beautiful climbers for greenhouse or out-door cultivation. Annual.
Barclayana—Deep violet ; pretty . . . . . .Pkt. 10c

MUSA ENSETE.

Abyssinian Banana Tree—Magnificent for sub-tropical massing. Or as single specimens they are very effective. Seed sown early will produce immense plants the first season. Tender perennial . . . . . .Pkt. 25c.

MIGNONETTE.

Within recent years Mignonette has been immensely improved in size, and several distinct tints have been selected. These have been saved with such care that an agreeable variety of this fine old favorite is now available for the garden or for pot culture. The following are hardy annuals :
Sweet Scented . . . . . .oz. 15c, pkt. 5c
Machet—A dwarf and compact growing variety, with large flowers of a deep, reddish crimson; the most popular variety for pot culture . . . . . .Pkt. 10c
Golden Queen—Large flowered ; a handsome dwarf variety ; flowers golden yellow ; a free bloomer . . . .Pkt. 5c
Crimson Queen—Robust in habit, with very large spikes of handsome red flowers . . . . . .Pkt. 5c
Myles Hybrid Spiral—Habit dwarf and branching, flowers large. The odor of this variety is superior to any other variety. . . . . .Pkt. 5c
Parson's White Flowering—The flowers are almost pure white, of the most exquisite fragrance. . . . . .Pkt. 5c
Defiance—Spikes of remarkable size and deliciously fragrant; the individual florets are very large, standing out boldly; its keeping qualities are extraordinary . . .Pkt. 10c
New Bismarck—A grand addition to our Mignonettes, forming dense bushes covered with handsome thick flower heads of remarkable size, rich in color and deliciously scented ; it is indispensable to the florist for cut flowers, and the best for pot culture. . . . . .Pkt. 10c



Machet Mignonette.

Japanese Morning Glory.

MORNING GLORIES.

Old and well known varieties. The beauty and delicacy of their colors are unsurpassed; they all grow freely in almost any situation. Hardy annual.

Morning Glory—(Convolvulus Major)—This popular climber is too well known to need a description, 10 ft., all colors, mized..oz. 15c, pkt. 5c

Double Flowered—Flowers are white with a spot of red or blue at the base of petals. Pkt. 5c.

Setosa—(Brazilian Morning Glory)—Flowers 3 inches or more across, of a beautiful rose color, borne very freely in large clusters from July to frost. As a quick-growing vine it has no equal, covering an enormous space in a short time .. ..Pkt. 5c

Dwarf Morning Glory—(Convolvulus Minor) The flowers are of the same size and shape as the tall or climbing Morning Glory. The colors are most varied and pleasing; 1 ft. Oz 15c, pkt. 5c

Mauritanicus—Charming for baskets, rock work, etc.; flowers lavender. Perennial. Pkt. 5c

IMPERIAL JAPANESE MORNING GLORY.

The handsomest of a handsome family, of the easiest culture and of a strong and rapid growth; the foliage is of varied forms and the markings fantastic. The flowers are very large, of good substance, remaining open most of the day, and the colorings are beyond description. .. ..oz. 30c, pkt. 5c

MOON FLOWER.

Ipomea Grandiflora Alba—One of the finest of all annual climbers. It bears lovely white flowers five to six inches in diameter, with a five-pointed star in the centre; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring .. ..Pkt. 5c

MARVEL OF PERU.

Mirabillis Jalapa—The flowers are varied and of beautiful colors, and are produced in great abundance. The roots may be preserved throughout the winter like Dahlias. Half-hardy annual. Finest mixed; 2 feet .. ..oz. 15c, pkt. 5c

MIMULUS.

Extremely handsome flowers of brilliant colors. Seeds sown in spring make fine bedding plants for summer blooming, while seeds sown in autumn produce very effective early flowering greenhouse plants. Half-hardy annual.

Moschatus—Musk plant; ½ foot .. ..Pkt. 10c

Tigrinus—Tigered and spotted varieties.. .. ..Pkt. 10c

Nicotiana Affinis.

Nemophila.

NOLANA.

Very pretty trailing plants, with convolvulus-like flowers; excellent for rustic work or hanging baskets. Hardy annual.

Fine Mixed .. ..Pkt. 5c

NEMOPHILA.

Dwarf growing hardy annuals; all varieties have a neat, compact and uniform growth, comprising varied and beautiful colors.

Insignis—Deep blue, with white center; ¾ ft....Pkt. 5c

Choice Mixed—Many sorts.. .. ..Pkt. 5c

NICOTIANA.

Ornamental Tobacco—Half-hardy annual.

Affinis—Sweet scented, pure white, star-shaped flowers, three inches across, blooming continually in the greenhouse in winter or when bedded out in summer.. .. ..Pkt. 5c

Colossea—An immense variety; very ornamental. Pkt 20c

Sanderae (Hybrids)—For description of this charming novelty see page 39 .. ..Pkt. 10c

NASTURTIUMS

Nasturtiums are probably the most popular flowers grown from seed.

BRUCE'S PEERLESS COLLECTION OF DWARF NASTURTIUMS

Eight superb varieties mailed for 25 cents.

See Collections page 41.

DWARF OR TOM THUMB VARIETIES

A charming class ; unrivalled in beauty and effect ; blooming from June until late in the fall ; they require little care, and will flower profusely on the poorest soil. Hardy annual.

Queen of Tom Thumbs—New—Flowers are a rich bright crimson, which forms a very pretty contrast to the silver variegated foliage..Pkt. 10c

Ardoise—Bright orange yellow, while the markings are a clear slaty mauve .....Pkt. 5c

Bronze—Very distinct bronze color ....Pkt. 5c

Chameleon—A dwarf form of the Tall Chameleon, possessing the same peculiarity of producing variously colored flowers on the same plant. Pkt. 5c

Empress of India—The flowers are of a brilliant crimson.....Pkt. 5c

Golden King—Golden yellow, dark foliage.Pkt. 5c

Golden Queen—A new variety, with bright yellow foliage and large golden yellow flowers.Pkt. 5c

King of Tom Thumbs—Foliage is a beautiful blue green, with intense scarlet flowers...Pkt. 5c

King Theodore—Blue green foliage, flowers dark maroon .....Pkt. 5c

Lady Bird—Rich golden yellow, barred with ruby crimson .....Pkt. 5c

Pearl—Cream white .....Pkt. 5c

Prince Henry—Light yellow, spotted and marbled with scarlet .....Pkt. 5c

Ruby King—Ruby rose .....Pkt. 5c

Violet—Purplish violet .....Pkt. 5c

Vesuvius—Salmon rose, dark leaved....Pkt. 5c

Yellow—Ochre yellow. .....Pkt. 5c

Tom Thumb—Fine mixed, all colors, oz 15c, pkt 5c

NEW LILIPUT NASTURTIUMS.

The plants of this new variety are in every respect smaller than the Tom Thumb, and the dainty little flowers, which appear in the most various and showy colors, are produced in the greatest profusion.....oz. 20c, pkt. 5c

BRUCE'S PEERLESS COLLECTION OF TALL OR CLIMBING NASTURTIUMS

Eight finest varieties mailed for 25 cents.

See Collections page 41.

TALL OR CLIMBING VARIETIES

Climbing Nasturtiums are admirably adapted for covering trellises, fences, tree trunks and the like. The flowers, cut, are very useful and handsome for house decoration. The seed, if picked young, is an excellent substitute for capers. Annual.

Crimson—Rich dark color .....Pkt. 5c

Tall Chameleon—This interesting variety bears large flowers of various colors and variegations on the same plant .....Pkt. 5c

Edward Otto—Brownish lilac .....Pkt. 5c

Firefly—Splendid and distinct variety with very large flowers of dark orange, spotted and flamed blood red, the spur is also blood red ; foliage and stems dark.....Pkt. 5c

Lucifer—Bright glowing scarlet .....Pkt. 5c

King Theodore—Black brown.....Pkt. 5c

Marguerite—Flowers large, pale yellow, spotted and flamed blood red, spur blood red; foliage and stems dark ; very effective .....Pkt. 5c

Moonlight—This is a counterpart of Sunlight, except in color, which is an exquisite pale straw .....Pkt. 5c

Nankeen—Yellow.....Pkt. 5c

Oriental—Orange, brightly marked with pink and scarlet ; very handsome .....Pkt. 5c

Primrose—Creamy white, with brown spots, large flowered. A charming variety. ....Pkt. 5c

Scarlet—Very attractive.....Pkt. 5c

Spitfire—Bright scarlet.....Pkt. 5c

Sunlight—The flowers are clear, rich golden yellow ; the petals are large and round, and are daintily crinkled.....Pkt. 5c

Vesuvius—Dark leaved ; flowers salmon rose, a charming color .....Pkt. 5c

Von Moltke—Ruby rose .....Pkt. 5c

Fine Mixed—All colors .....oz. 10c, pkt. 5c

Tall Ivy Leaved—The leaves of this new variety are of a pleasing dark metallic hue, resembling the ivy, and are in striking contrast with the crimson scarlet flowers ; is very useful for hanging baskets, window boxes, vases, etc. ..... Pkt. 10c

Madame Gunter, New Hybrids—This new selection is distinguished by its dark foliage and richness of color. There are shades of rose, salmon, bright red, pale yellow, etc., either self-color, spotted or striped. Its free and continued flowering makes it a useful and popular climber. All colors, mixed.....oz. 20c, pkt. 5c

Lobbianum—The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium ; the flowers, however, are produced in great profusion and intense brilliancy of colors. Mixed colors.....oz. 20c,, pkt. 5c

NIGELLA.

(Love in a Mist). A very interesting class of plants, with curious looking flowers and seed pods. Hardy annual.

Double Mixed—Flowers blue and white, ½ foot. .. ..Pkt. 5c

OENOTHERA.

Evening Primrose—A free flowering and useful class of plants for beds and borders.

Acaulis—Handsome, large, white flowered variety. Hardy annual; ¾ ft .. ..Pkt. 5c

Macrocarpa—Very large, golden yellow flowers Hardy perennial.. .. ..Pkt. 5c

OXALIS.

Beautiful small plants, suitable for the green house, rock work, baskets, or out-door culture, flowering the first year if sown early; blooms in clusters; 9 inches. Half-hardy perennial.

Tropaeoloides—Yellow; very pretty....Pkt. 10c
Rosea—Mixed rose and white.. .. ..Pkt. 10c

PENTSTEMONS.

The Pentstemons are amongst the best perennials. The flowers are large and beautifully marked, tubular in shape, and produced in handsome spikes.

Choice Mixed .. ..Pkt. 10c

PERILLA.

Nankinensis—Ornamental foliage plant of compact habit; leaves dark mulberry, a most useful bedding plant; 1½ ft. Annual .. ..Pkt. 5c

PANSY.

(Heartsease). This lovely flower, a favorite with everyone, is too well known to need any description. Seed sown in August or September and kept in cold frames through the winter and planted out in the spring will blossom abundantly the whole season; for summer and fall blooming sow from January to June. The Pansy delights in loamy soil, enriched with thoroughly decayed cow manure. The seed we offer has been saved from celebrated collections in Europe, and will not fail to give perfect satisfaction. Hardy perennial.

Masterpiece—In this new type of Pansies the great advance consists in the very robust and compact habit of growth and in the immense size of the flowers, which have the remarkable feature of mostly having the margins of their petals undulated and curled. The flowers of this strain show many new shades of color, while each petal is distinctly marked with a large dark blotch..Pkt. 25c

Bride's Maid—New—The flowers of this variety are very large and of fine form. The ground color is rosy white, rivalling in delicacy and beauty with the finest apple blossom and most strikingly setting off the dark blotches of the centre .. ..Pkt. 25c

Ruby—New—Embraces the richest shades of red colors, from scarlet, scarlet orange, wine red to rose; the flowers are of large size and fine form. .. ..Pkt. 25c

Giant Madame Perret—A beautiful new strain of rose and crimson shades; called the Wine Pansy .. ..Pkt. 25c

Paris Market—The flowers of this celebrated French strain are of a large size and produce a great diversity of the handsomest and rarest colors; a favorite with those who grow for the market.. .. ..Pkt. 15c

PANSY—Continued.

Bruce's Premium Pansy.

Bruce's Premium—In our Premium Pansy we offer a strain that ranks second to none for the size of bloom, matchless form and substance; the flowers are beautifully blotched and pencilled with rich and striking colors.. .. ..Pkt. 25c

Orchid Flowered—The flowers of this new race are of peculiar shape, the upper petals, which stand upright, are laid out in small folds or frills, which, with the unique color combinations, give the flowers their resemblance to orchids. The colors range through shades of terra cotta, flesh, orange, rose, pink and lilac .. ..Pkt. 25c

Bugnot's—The flowers of this variety are of immense size, symmetrical in shape, petals thick and beautifully marked. Every lover of Pansies should give it a trial .. ..Pkt. 25c

Fire King—The three lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red .. ..Pkt. 10c

Lord Beaconsfield—Purple-violet, shading off, in the top petals only, to a whitish hue .. ..Pkt. 10c

Giant Trimardeau—Flowers of immense size and beautifully marked; mixed colors....Pkt. 10c

Giant White—An extra large white variety, with purple eye. .. ..Pkt. 10c

Giant Yellow—Yellow, with large black eye; one of the finest and showiest varieties..Pkt. 10c

Giant Spotted—Extra fine .. ..Pkt. 10c

Peacock—Large peacock-blue flowers with white margin; very pretty.. .. ..Pkt. 10c

Cardinal—The most brilliant red .. ..Pkt. 10c

King of the Blacks—Flowers intensely black... .. ..Pkt. 10c

Very Fine Mixed—All colors— oz. $1.50, pkt. 10c

Fine Mixed—All colors .. .. ..oz. $1.00, pkt. 5c

COLLECTIONS—IMPORTED GERMAN.

Twelve choice varieties 75c
Six choice varieties 50c
Six choice varieties. Giant flowered $1.00

PETUNIA.

A very profuse flowering, easily cultivated garden favorite, for outdoor cultivation. In summer there is scarcely a class of plants equal to this; it commences to bloom early, and continues a mass of bloom the whole season. It is also very effective in pots for greenhouse or parlor decoration. Half-hardy annual.

Double Petunia.

Double Varieties.

Double Petunia—Splendid mixed. In this mixture will be found the best strain of large flowering, striped, blotched and fringed double Petunias, especially remarkable for the rich color and large size of the flowers, of which about 30 per cent. will be double .. ..Pkt. 25c

Petunia, Giants of California.

Single Varieties.

Giants o. California—A California strain of incomparable beauty. The flowers are of enormous size (4 to 5 inches across), and are produced in a wonderful variety of colors, markings, etc., includ ing many charming and delicate shades...Pkt. 25c

Petunia—Single Varieties—Continued.

Fine Mixed—Self-colors ; in great variety .. ..oz. 75c, pkt. 5c

Striped and Blotched—Unsurpassed mixture of splendid colors .. .. oz. $1.50, pkt. 10c

Inimitable New Dwarf—Very bushy ; 5 to 6 inches high, with regular striped flowers ; they bloom uninterruptedly for months, and are exceedingly effective .. ..

PHLOX DRUMMONDII—Continued.

Fringed Phlox.

Star and Fringed Phlox, Mixed—A distinct and pretty strain of Annual Phlox, with star-shaped and fringed flowers in many beautiful shades. Pkt10

Dwarf Phlox.

Nana Compacta—Grows about 6 inches high. Fine mixed . . . . . Pkt. 10c

Large-Flowered Cecily Phlox—New—See Novelties, page 39.

PINKS—See page 51.

POPPY.

A tribe of showy, free-flowering plants, with large and brilliant colored flowers; well adapted for large mixed borders and shrubberies. Hardy annual.

Shirley Poppies.

Shirley—A beautiful strain, with single flowers of many colors; for bedding they cannot be excelled . . . . . oz. 30c, pkt. 5c

Tulip—The plant is from 12 to 14 inches high, and produces flowers of the most vivid scarlet imaginable. The two outer petals of the flower bear a similarity to a saucer, in which are set two erect petals of the same color. . . . . Pkt. 10c

Scarlet Field Poppy—The single Poppy so much admired by tourists in Europe, where it abounds on the railroad banks and in the fields. Eighteen inches. . . . . Pkt. 5c

The Bride—A magnificent giant white fringed variety; the petals are large and daintily incurved . . . . . Pkt. 5c

New Single Poppy, The Admiral—For description see Novelties, page 38.

POPPY—Continued.

Double Varieties.

Carnation Flowered—A magnificent class, with large globular flowers, the feathery petals being beautifully fringed; height 2 feet. Mixed colors. . . . . oz. 20c, pkt. 5c

Paeony Flowered—The flowers of this variety are of immense size, very double and broad petalled. Mixed colors . . . . . oz. 20c, pkt. 5c

French Ranunculus Flowered—Handsome and free blooming; the flowers are very double and of every imaginable shade of color; height 2 feet. . . . . oz. 20c, pkt. 5c

Cardinal—The flowers are very large and perfectly double, of a bright glowing scarlet; height 1½ feet. . . . . Pkt. 5c

White Swan—Pure white; beautiful. . . . Pkt. 5c

Double Mixed Garden Poppies—This choice mixture includes all the above, affording the greatest variety at low price. . . . . oz. 25c, ½ oz. 15c, pkt. 5c

Hardy or Perennial Poppies.

Giant Oriental—Large brilliant dark scarlet flowers, with glittering black blotch at base of each petal; extra fine. . . . . Pkt. 10c

Giant Oriental Hybrids—Large showy flowers, ranging in color from soft rose to crimson scarlet . . . . . Pkt. 10c

Iceland—A beautiful class of dwarf perennial Poppies, which, if sown early, will bloom the same year. They are bright and showy, forming tufts of brilliant blossoms, borne on slender stalks a foot high . . . . . Pkt. 10c

PYRETHRUM.

Handsome hardy perennials, very desirable for borders, the elegant flowers being much prized for cutting, in bloom June; height 2 feet.

Flowering Varieties.

Double Mixed—Beautiful Aster-like flowers, ranging in color from white to rose and purplish crimson . . . . . Pkt. 15c

Single Mixed—Large Daisy-like flowers of many beautiful colors; excellent for cutting. . . . Pkt. 5c

Yellow Leaved Sorts.

Well known dwarf growing plants, extensively used for bedding purposes.

Golden Feather (Aureum)—Very popular. Pkt. 5c

Feverfew—See Matricaria, page 55.

Pinks—See Dianthus, page 51.

PRIMULA OR CHINESE PRIMROSE.

One of the finest winter and spring blooming plants, of easy culture, blooming at a season of the year when flowers are generally scarce ; they are indispensable for conservatory and house decoration. The seed we offer has been selected with great care from some of the finest strains, and we can with confidence recommend it. Greenhouse perennial.

Primula or Chinese Primrose.

Alba Magnifica—Superb large flower, with bright yellow eye; beautifully fringed, and borne in large trusses well above the foliage ; finest white Primula grown .. ..Pkt. 25c

Mount Blanc—Snow white flowers of good size and substance and exquisitely fringed....Pkt. 25c

Purity—A strong growing variety, with distinct red stems; flowers are large, pure white, with sulphur eye .. ..Pkt. 25c

Violet Queen—An exquisite shade of violet, bordered with pure white.. .. ..Pkt. 25c

Rose—Bright rose ; a superb variety ..Pkt. 25c

Rubra—Rich red flowers, elegantly fringed.. .. ..Pkt. 25c

Royal Blue—The finest of blues .. ..Pkt. 25c

Bruce's Superb Mixed—This embraces all the finest shades of color.. .. ..Pkt. 25c

Fern-leaved Mixed—Fern-like foliage, finely fringed flowers .. ..Pkt. 25c

New Giant Flowered—A magnificent class of Primula of immense size ; the flowers, which include many shades of color, are borne well above the foliage, are beautifully fringed and of great substance. Finest mixed. .. ..Pkt. 25c

DOUBLE CHINESE PRIMROSE.

Embracing beautiful shades of magenta, scarlet, rose and white. The large double and semi-double flowers are invaluable for cutting during the winter months, when other flowers are generally scarce .. ..Pkt. 25c

PRIMULA OBCONICA GRANDIFLORA—While blooming as freely and constantly as the old Obconica, the flowers of this new variety are much larger ; they vary in color from pure white to bright rose, making a very attractive pot plant ; sown in February or early spring will bloom uninterruptedly from middle of May. .. ..Pkt. 25c

PRIMULA OBCONICA GRANDIFLORA FIMBRIATA—A splendid new strain, the flowers, which are of the improved Grandiflora type, being exquisitely fringed, which make them appear more graceful and adds to the general attractiveness of this popular Primula. The flowers, which are borne on large tresses, vary in color from white to bright rose. .. ..Pkt. 25c

Double Primula Obconica

The flowers of this new double variety are produced in large trusses borne on stout stems and rising well above the foliage ; the individual flowers are of good size, well filled, and a very delicate shade of light rosy lilac. By its elegant foliage and the extraordinary abundance of the flowers, which are produced in succession for a very long time, this new variety will be found invaluable for decorating apartments and conservatories. .. ..Pkt. 25c

PRIMULA FORBESI—Like Obconica, this species begins to flower in babyhood and continues a mass of bloom all the year round. Each flower stem bears 3 to 6 whorls of pale rosy lilac flowers, smaller than those of Obconica, but more charming and graceful. .. ..Pkt. 25c

PRIMULA FLORIBUNDA—Of the same general character as Obconica, differing only in color of the flower, which is a lovely shade of yellow, slightly fragrant, and produced in continuous succession for months.. .. ..Pkt. 25c

PRIMROSE.

Mixed Hybrids—Flowers of these new hybrids are produced in all shades of color, varying from white to crimson. .. ..Pkt. 10c

Yellow—The old fashioned favorite .. .. .Pkt. 5c

PRIMROSE—JAPONICA.

This beautiful Primrose, growing about 1¼ feet in height, produces from its tuft of robust leaves a stem bearing four or five separate tiers of whorls of charming flowers, each flower being an inch in diameter and of splendid magenta color. Half-hardy perennial.. .. ..Pkt. 10c

PRIMROSE—POLYANTHUS.

Splendid free-flowering plants, either for pot culture or open border. Hardy perennial. Height ½ foot.

Fine Mixed—Border varieties.. .. ..Pkt. 10c

Double Portulaca.

PORTULACA.

For brilliant, beautiful and gorgeous colors this charming genus stands unrivalled, and whether in baskets, small beds, edgings or rock work, its large splendid flowers, produced in the greatest profusion, are extremely effective; succeeds best in light, gravelly soils and a warm situation. Hardy annual.

Single—Mixed colors; ½ foot. Oz. 60c, pkt. 5c.

Double—Mixed, extra fine; ½ ft. Pkt. 10c.

RICINUS—See Castor Oil Beans, page 47.

ROSA MULTIFLORA NANA.

Liliput Rose—This new dwarf Polyanthus Rose flowers the first season from seed. The flowers are single, semi-double and double, are of perfect form, and are produced in every color exhibited by other roses. The plants grow only about 15 inches high, forming very neat compact bushes. . . . . Pkt. 10c

ROCKET.

Very pleasing early spring flowers, deliciously fragrant. Hardy perennial.

Purple and White—1½ feet . . . . . Pkt. 5c

SAPONARIA.

Of these beautiful little plants it is impossible to speak too highly. They carpet the ground with their beautiful star-shaped flowers during the summer and autumn months; for edging they are unequalled, bearing cutting back if necessary. Hardy annual.

Calabrica—Rich deep pink; 1½ feet . . . . oz. 30c, pkt. 5c

SENSITIVE PLANT.

Mimosa—Very curious and interesting, their leaves closing if touched or violently shaken; may be grown out of doors, in a warm situation; grow in peat or loam; 1 foot. Half-hardy annual . . . . . Pkt. 5c

Salpiglossis.

SCHIZANTHUS.

Butterfly Flower—A splendid annual, combining elegance of growth with a profusion of rich and various colored flowers; fine for greenhouse decoration and the flower garden; of easy culture; mixed colors. . . . . Pkt. 5c

Wisetonensis—New—The plants form pyramidal bushes of about 18 inches in height, covered with masses of elegant flowers of various shades of white to rose, and white spotted rose to carmine, while the upper lip is adorned in the centre by a spot of yellow or brown. . . . . Pkt. 15c

SMILAX.

A well known greenhouse plant; largely used by florists for table and house decorations; flowers white . . . . . Pkt. 5c

Salvia Splendens.

SALPIGLOSSIS.

Highly ornamental and remarkably beautiful summer blooming plants. Their curiously pencilled and marbled funnel-shaped flowers produce a fine effect in beds, borders, edging, etc. Hardy annual.

Superbissima or Emperor—A grand new strain, remarkable for its very large flowers, which are of brilliant, varied colors, all richly veined with gold. . Pkt. 10c

Finest Mixed—Large flowering sorts. Beautiful colors; 1½ feet . . . . . oz. $1.00, pkt. 5c

SALVIA.

(Flowering Sage.) A favorite bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming first year from seed, which should be sown as early as possible either indoors or in a hotbed and the young plants transferred to their flowering quarters when the weather has become settled and warm.

Splendens—Brilliant scarlet flowers; a magnificent variety; 3 feet. . . . . Pkt. 10c

Splendens Compacta, Bonfire—In habit more dwarf and compact than above; flowers intense scarlet; unsurpassed for bedding and pots; 2 feet . . . . . Pkt. 15c

Patens—Handsome large deep blue velvety flowers; highly recommended; 2 feet . . . . . Pkt. 25c

Coccinea—Scarlet, very showy; 1 ft . . oz. 40c, pkt. 5c

SCABIOSA.

Sweet Scabious—Flowers are double, remarkably handsome and very richly colored, crimson, purple, pink and lilac shades predominating; splendid for cutting. Hardy annual.
Double Mixed—All colors; 1 foot .. .. ..oz. 20c, pkt. 5c
Tall Mixed—Large double flower; 2 ft.. ..oz. 30c, pkt. 5c
Double White—Snowball extra; 2 feet.. .. .. ..Pkt. 5c
Double Yellow—A new color, very pretty.. .. ..Pkt. 5c
Caucasica—One of the handsomest of hardy perennials, especially valuable for cutting, the bloom lasting a long time in water ; lilac blue ; 3 feet.. .. ..Pkt. 10c

Sweet Scabious.

SCARLET RUNNER BEANS.

A great favorite in England and the continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms ; grows 10 to 15 ft. high.. .. ..Pkt. 5c
Pint 25c ; postage extra.

STREPTOCARPUS.

Cape Primrose—New Hybrids—Highly decorative pot plants. They produce a continuous succession of large trumpet-shaped flowers, borne on erect slender stems, ranging in color through lavender, purple, violet, rose and red to pure whate. Seed sown in January of February will produce plants which will come into bloom during the following June and July.. .. ..Pkt. 10c

Stocks.

STOCKS

The Stock is one of the most popular, beautiful and important of our garden favorites. Whether for bedding, massing, edging, or ribboning, it is unsurpassed either for brilliancy or diversity of color, or duration of bloom. Half-hardy annual.

SUMMER FLOWERING TEN WEEK VARIETIES.

Fine Mixed .. .. oz. $1.50, pkt. 5c
Choice Double Mixed—Large flowered sorts, extra fine.Pkt. 10c
Pure White .. ..Pkt. 10c
Royal Gem—Rich dark crimson. .. ..Pkt. 10c
Triumph—Brilliant scarlet .. ..Pkt. 10c
Giant Perfection—Choice mixed. .. ..Pkt. 10c
Imported Collection—12 finest varieties. 75c
Imported Collection— 6 finest varieties. 50c
Princess Alice—(Cut and Come Again)—A magnificent Stock of strong growth and fine branching habit, bearing enormous spikes of large double pure white flowers, suitable alike for the garden and winter forcing under glass .. ..Pkt. 10c
Snowflake Forcing—A dwarf variety with large double snow-white flowers. Fine for pot culture.. .. ..Pkt. 25c

EAST LOTHIAN INTERMEDIATE STOCKS.

These Stocks, when properly cultivated, are acknowledged to be the best of all intermediate varieties ; the purity and constancy of their respective colors, their continuous blooming and great percentage of double flowers which they produce, renders them the most valuable for garden or pot culture. **White and Scarlet**—mixed or separate colors .. ..Pkt. 25c

WINTER STOCK, "BEAUTY OF NICE."

Under good cultivation the plant attains a height of 2 to 2½ feet, and throws up a gigantic main flower spike of about a foot in length. All around the central stem the plant sends out a number of long side shoots, loosely covered with uncommonly large and very fragrant flowers, remarkable alike for their beauty of form and their delightful color—a delicate shade of fleshy pink. One may rely on getting from 60 to 75 per cent. of double flowering plants, and a further striking feature in this Stock is the rapidity with which it comes into bloom, so that it may just as readily be employed as an early Ten-week Stock. Pkt. 15c.

BIENNIAL STOCKS.

Brompton—Snow White—Large flowered early variety, of dwarf compact habit ; producing 70 per cent. of very double pure white flowers .. ..Pkt. 15c
Brompton—Scarlet—Covent Garden variety .. ..Pkt. 15c

STEVIA.

Serrata—The tiny white flowers are produced in graceful sprays, valuable for cutting, perennial. Pkt10

SUNFLOWER

(Helianthus.) Very showy plants; remarkable for their stately growth and the brilliancy and the size of their flowers, and well adapted for large shrubbery borders or round the margin of lakes or ponds. Hardy annual.

SUNFLOWERS—Continued.

Single Varieties.

Miniature—Of dwarf branching habit, producing an abundance of small flowers of a bright golden yellow, with dark centre ; one of the finest ; 3 feet.. .. ..oz. 25c, pkt. 5c

New Miniature Seedlings—These new seedlings retain the same growth and freedom of flowering of the original Miniature Sunflower, but the individual flowers are most distinct in color and markings. They come in charming shades of orange, yellow and primrose. Some of the single flowers, with their twisted petals, resemble the Cactus-Dahlia, others are semi-double, whilst others are quite double and full centred like those of the large flowered double sorts. .. ..Pkt. 5c

Giant Russian—Very large ; 8 feet .. .. ..Pkt. 5c

Primrose Dame—Sulphur yellow, with black centre ; 6 feet .. ..oz. 15c, pkt. 5c

Double Varieties.

Chrysanthemum-Flowered—Grows seven feet high and bears profusely all summer long. Flowers are perfectly double, and of the very brightest golden yellow. The plants remain in bloom a long time and bear flowers of so many sizes that any one can suit himself as to what size would make the prettiest bunch. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters with long stems .. ..oz. 25c, pkt. 5c

Globosus Fistulosus—Handsome large flowered ; 5 feet.. .. ..oz. 20c, pkt. 5c

Many Flowered Double—Handsome and ornamental ; it grows erect, about 4 feet in height, with only a single stock, and at each leaf joint is a very short stem, terminating in a fine double flower. The terminal flower is the largest, being from 6 to 8 inches in diameter.. .. ..oz. 25c, pkt. 5c

Dwarf Double—Very attractive; 4 ft. oz. 25c, pkt. 5c

Tall Double—Large bright yellow flower ; 5 feet ; .. ..oz. 20c, pkt. 5c

Miniature Sunflower.

New Giant White Pea—Dorothy Eckford.

SWEET PEAS

These lovely and deliciously perfumed flowers are everywhere appreciated. They possess all the qualities which are prized in decorative flowers, gracefulness of form, brilliant and varied coloring, slender stems and sweet perfume. When cut for filling vases the blooms will last for days. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. As fast as the flowers come into full bloom or fade they should be cut off, for if the pods are allowed to form the plants will stop blooming. Seed may be sown with great advantage late in the autumn.

A Carefully Revised List of the Best New and Standard Varieties.

PURE WHITE, PRIMROSE, AND VERY LIGHT SHADES.

Coquette—Light primrose-yellow, shaded pale lavender. Pkt. 5c, oz. 10c.

Dorothy Eckford—The finest pure white, a giant flower of great substance, robust in growth and stem ; the plant is very short jointed and grows an enormous mass of bloom. Pkt. 5c, oz. 10c.

Emily Henderson—Pure white, extra fine. Pkt. 5c., oz. 10c.

Golden Rose—Primrose, lightly striped and mottled with light pink ; wings unusually large, both wings and standard quite wavy at edges. Pkt. 5c, oz. 10c.

Honorable Mrs. E. Kenyon—Primrose, self-colored, large semi-hooded flower ; this is the largest and best of this shade. Pkt. 5c, oz. 10c.

PURE WHITE PRIMROSE AND VERY LIGHT SHADES—Continued.

Marchioness of Cholmondeley—Flowers very large, bold and erect; color, a soft shade of cream, overlaid and edged with a delightful shade of pink. Pkt. 5c, oz. 10c.

Mont Blanc—Extremely early; the flowers are of the purest snowy whiteness, splendid for forcing purposes. Pkt. 5c, oz. 10c.

Mrs. Dugdale—Standards most lovely rose, shaded rich primrose; wings primrose, shaded and splashed light rose—a most charming color. Pkt. 5c, oz. 10c.

Queen Victoria—Color soft yellow, subtly overlaid with faint purple, imparting a lustre most desirable but difficult to describe. Pkt. 5c, oz. 10c.

Sadie Burpee—Pure pearly white, of perfect form and substance, and of large size. Pkt. 5c, oz. 10c.

Sue Earl—The standard is primrose, with mauve at the edges; wings almost pure primrose. Pkt. 5c, oz. 10c.

Stella Morse—Deep cream with blush pink, hooded form. Pkt. 5c, oz. 10c.

White Wonder—The flowers are uniformly of large size, borne six to eight on long stout stems. About half the flowers have double standards. Pkt. 5c, oz. 10c.

PINK AND ROSE.

Agnes Johnson—A bright rose-pink standard, shaded cream, wings cream, slightly flushed pink. Pkt. 5c, oz. 10c.

Bolton's Pink—New—See page 40.

Countess Lathom—A charming delicate pink self; the flowers, borne on long stems, are of splendid substance and lasting qualities. Pkt. 5c, oz. 10c.

Countess Spencer—Very large pale blush pink, with a delicate darker picotee edge. The most beautiful Sweet Pea yet raised. It sports somewhat, but all the sports are beautiful and worth growing. Pkt. 5c, oz. 15c.

Earliest of All—Standard rosy pink, wings white, lightly tinged with pink, growing only about two feet high; it comes into bloom fully ten days earlier than Extra Early Blanche Ferry. Most desirable variety for forcing. Pkt. 5c, oz. 10c.

Gladys Unwin—New—See page 40.

Hon. F. Bouverie—Standards a most beautiful coral-pink, wings slightly lighter of same color. Pkt. 5c, oz. 10c.

Janet Scott—A pure rich shade of pink, flowers unusually large, generally borne three on a stem, hooded form. Pkt. 5c, oz. 10c.

Jeanie Gordon—Standards bright rose, shaded cream, slightly hooded wings. Flowers large; a charming variety. Pkt. 5c, oz. 10c.

John Ingman—New—See page 40.

Lovely—Soft shell pink; wings delicate rose. Pkt. 5c, oz. 10c.

Majestic—Deep rose pink, borne almost uniformly three on a stem; the flowers are of the largest size, slightly hooded. Pkt. 5c, oz. 10c.

Mrs. Knight-Smith—An entirely new shade of pink, almost a self-color; flowers large, borne on long stout stems; free flowering. Pkt. 5c, oz. 15c.

Phyllis Unwin—New—See page 40.

Prima Donna—A lovely shade of soft pink, of large size and fine form; a great gem; very frequently bears four flowers on a stem. Pkt. 5c, oz. 10c.

Royal Rose—The standards deep rosy pink; the wings a light rosy pink; almost a self-colored flower. Pkt. 5c, oz. 10c.

Venus—Salmon-buff; magnificent flower. Pkt. 5c, oz. 10c.

ORANGE AND PINK.

Evelyn Byatt—New—See page 40.

Gorgeous—Standard rich orange-salmon, wings bright orange rose. Very showy. Does best where not exposed very much to the sun. Pkt. 5c, oz. 10c.

Helen Lewis—New—See page 40.

Lady Mary Currie—A deep orange-pink, delicately shaded rose lilac. Pkt. 5c, oz. 10c.

Miss Willmott—A grand flower of great substance, standard rich, deep orange pink, wings rose with orange tint; semi-hooded form; flower stems long and stiff. Pkt. 5c, oz. 10c.

RED, SCARLET AND CRIMSON.

Coccinea—Soft cherry-red self-colored flower, a distinct shade, very bright and attractive; flowers of good size; semi-hooded. Pkt. 5c, oz. 10c.

King Edward VII—This is a lovely bright crimson self. A true giant-flowered variety, with strong stems and growth, with no inclination to burn in the sun. Pkt. 5c, oz. 15c.

Prince Edward of York—Finely expanded standards of a charming shade of scarlet, and large wings of the deepest rose color. Pkt. 5c, oz. 10c.

Prince of Wales—A bright rose-self of intense color and fine bold form, bearing three and frequently four flowers well placed on long, stout stems. Pkt. 5c, oz. 10c.

Salopian—A superbly beautiful variety. Color deep crimson tinged with mulberry red suffused with rich orange scarlet; flowers large, finely formed and handsome. Pkt. 5c, oz. 10c.

Scarlet Gem—A dazzling scarlet, beautiful, bright and clear, strong grower and free flowering. Pkt. 5c, oz. 15c.

STRIPED AND PICOTEE EDGED.

America—Bright cardinal stripe on pure white ground. Pkt. 5c, oz. 10c.

Aurora—The flowers, which are gigantic in size, are borne three or four on a stem; the color effect is gorgeous. Both standards and wings are flaked and striped on a white ground, with bright orange salmon. Pkt. 5c, oz. 10c.

Dainty—Flowers of the largest size, and borne three and four on a stem; upon first opening appear to be white, but quickly change to white with pink edge, making a most charming contrast. Pkt. 5c, oz. 10c.

Helen Pierce—New—See page 40.

Jessie Cuthbertson—A fine erect standard, pale buff ground, striped with rosy magenta, three and often four flowers on a stem. Pkt. 5c, oz. 10c.

Lottie Eckford—Flowers large, standard white, shaded mauve; wings white, blue edged; very handsome. Pkt. 5c, oz. 10c.

Maid of Honor—Beautiful flowers, shaded light blue on a white ground and edged with violet. Pkt. 5c, oz. 10c.

Phenomenal—(New)—See page 40.

LAVENDER AND MAUVE.

Countess Cadogan—Standards slightly hooded, of a bright, shining, violet color overlaid with a charming light sky-blue; wings a pure sky-blue. Pkt. 5c, oz. 10c.

Countess of Radnor—Improved New Countess—Standard lavender; wings pale blue; a charming flower. Pkt. 5c, oz. 10c.

David R. Williamson—New—See page 40.

Dorothy Tennant—Rosy mauve; a handsome flower. Pkt. 5c, oz. 10c.

Flora Norton—This is a very bright self blue, darker than Mrs. Geo. Higginson, quite distinct, and a great acquisition. Pkt. 5c, oz. 15c.

LAVENDER AND MAUVE—Continued.

Lord Roseberry—Rosy magenta, grand flower, of fine form and substance; very free flowering and robust. Pkt. 5c, oz. 10c.

Lady Grisel Hamilton—Color a beautiful shining pale lavender. In form it is one of the most advanced giant-flowered type. Pkt. 5c, oz. 10c.

Lady Nina Balfour—Delicate light lavender or lilac, very attractive. Pkt. 5c, oz. 10c.

Mrs. Geo. Higginson, Jr.—A very distinct and delicate pure light blue. It is especially valuable for florists and a decided novelty. Pkt. 5c, oz. 15c.

Mrs. Walter Wright—The standard is a beautiful shade of mauve, clear and bright, while the wings are a bright coerulean blue; flowers large, slightly hooded. Pkt. 5c, oz. 15c.

Romolo Piazzani—NEW—See page 40.

DARK BLUE, PURPLE, AND MAROON.

Black Knight—A very deep maroon self, the best of the color; the plants are of vigorous growth and free flowering. Pkt. 5c, oz. 10c.

Black Michael—New—See page 40.

Duke of Clarence—Large, rosy-claret. Pkt. 5c, oz. 10c.

Duke of Sutherland—Purplish maroon standard, indigo blue wings, a very dark variety. Pkt. 5c, oz. 10c.

Duke of Westminster—A deep rose-maroon overlaid with bright shining violet; a grand flower, perfectly distinct from any other variety. Pkt. 5c, oz. 10c.

Navy Blue—General color effect dark blue; standards brilliant royal purple; wings pure violet; the best of the color yet introduced. Pkt. 5c, oz. 10c.

Othello—A beautiful dark brown chocolate red, self-colored flowers, a color not before attained. Pkt. 5c, oz. 10c.

Shahzada—The color, rich dark maroon with a shade of purple, is most distinct and attractive. Pkt. 5c, oz. 10c.

SWEET PEAS IN MIXTURE

Bruce's Choice Mixed—This superb mixture is a choice blending (mixed by ourselves) from named varieties only, including many of Eckford's best, insuring a most satisfactory result in colors, and vastly superior to the ordinary mixture sold, which usually contains a large proportion of dull colors. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 60c.

Good Mixed—Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

DOUBLE SWEET PEAS.

Under favorable conditions these will produce a large percentage of double flowers, and while not, in our judgment, as graceful as the singles, show the high state of development to which Sweet Peas have been brought.

Mixed Double Sweet Peas—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

BUSH SWEET PEAS.

The plants are semi-erect, 15 to 18 inches high when in full flower, but branching freely, so that the close bushes are frequently 15 inches and more in diameter, composed of short erect branches with abundant green foliage.

Mixed—All colors—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

DWARF SWEET PEAS.

Plants of this new and distinct race of Sweet Peas are seldom more than six to eight inches in height, and form a dense mat of richest green foliage fifteen inches or more in diameter. The flowers are fully equal in size to those of the tall growing varieties, but are placed closely together, generally three or four at top of a stout stem. For bedding, bordering or cemetery decoration they are specially valuable.

Choice Mixed Cupids—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

NEW SWEET PEAS

The following Sweet Pea **Novelties** are described on page 40.

BLACK MICHAEL. BOLTON'S PINK. PHYLLIS UNWIN. HELEN PIERCE.
EVELYN BYATT. GLADYS UNWIN. DAVID R. WILLIAMSON. ROMOLO PIAZZANI.
JOHN INGMAN. PHENOMENAL. HELEN LEWIS.

SWEET PEAS IN COLLECTIONS

BRUCE'S ROYAL NOSEGAY

One packet each of the ten Superb Varieties described below, mailed, for 25c.

WHITE WONDER, White.
COUNTESS SPENCER, Pink
FLORA NORTON, Blue.
AURORA, White and Orange.
LADY NINA BALFOUR, Lavender.
JENNIE GORDON, Pink.
LOTTIE ECKFORD, White and Mauve.
SALOPIAN, crimson.
HON. MRS. E. KENYON, Yellow.
BLACK KNIGHT, Dark Maroon.

The varieties in above Unequalled Collection have been specially selected to give the greatest diversity of the choicest and most striking colors.

NOVELTY COLLECTION FOR 1907.

HELEN LEWIS. BOLTON'S PINK. BLACK MICHAEL. ROMOLO PIAZZANI.
GLADYS UNWIN. PHENOMENAL.

This Incomparable Collection comprises the latest and best in Sweet Peas. Mailed to any address for 25 cents.

When Sweet Peas are required by Mail add Postage to the lb. prices only at the rate of 5c per lb. to Canadian Points and 16c per lb. to Newfoundland and the United States.

SWEET ALYSSUM—See page 42.

SWEET SULTAN—See page 48.

SWEET WILLIAM.

Dianthus Barbatus—Well known and popular biennial, of easy culture. The plants are hardy and of a vigorous growth; the flowers sweet scented, borne in profusion, are of extreme richness and variety of color.

Hunt's Perfection—Splendid strain .. ..Pkt. 5c
Double—Finest mixed .. ..Pkt. 5c
Single—Finest mixed .. ..oz. 30c., pkt. 5c

THUNBERGIA.

Handsome, free flowering and rapid growing climbers, for the conservatory or out-door cultivation. Half-hardy annual.

Fine Mixed—White, orange, etc .. .. ..Pkt. 5c

TORENIA.

A very fine annual, forming a splendid plant for vases, hanging baskets, greenhouses, or for growing out of doors.

Fournieri—Large sky-blue flowers, with 3 spots of dark blue, and bright yellow centre. ..Pkt. 10c
White Wings—An attractive pure white variety .. ..Pkt. 10c
Bailloni—Golden yellow, with brown-red throat. .. ..Pkt. 20c

Thunbergia.

VINCA.

Ornamental free-blooming plants. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower; 2 feet. Tender perennial

Mixed Colors—Pink and white .. .. ..Pkt. 5c

VIRGINIAN STOCK.

Extremely pretty, profuse blooming little plants; effective in small beds, baskets or edgings; grows freely in any soil. Hardy annual.

Red—½ foot .. ..Pkt. 5c

VIOLET.

Well known fragrant spring flowering plants. Seed takes about 3 or 4 months to germinate. Hardy perennial.

White Perpetual—Very pretty; ½ ft. ..Pkt. 10c
The Czar—Large flowered purple .. ..Pkt. 10c

WALLFLOWER.

A well known fragrant plant. Half-hardy perennial.

Single Mixed .. ..oz. 40c., pkt. 5c
German Double—Choice mixed; 2 feet..Pkt. 10c

NEW ANNUAL WALLFLOWER.

Flowering the same season from spring-sown seed, their adaptability for pot culture and out-door planting, with their delicious, fragrant, light brown flowers, should make these new annuals general favorites.. .. ..Pkt. 5c

Sweet William.

VERBENA.

A universal favorite, raised from seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth, and produce more flowers than those propagated from cuttings. Half-hardy perennial.

Fine Mixed—All colors .. .. .. oz. $1.00, pkt. 5c
Choice Mixed—From named flowers. ..Pkt. 10c
Striped Italian—Very fine.. .. ..Pkt. 10c
New Mammoth—The plants of this variety bloom freely and are vigorous in growth. The flowers are of the largest size and embrace all the beautiful new colors and shades .. .. ..Pkt. 10c
Mammoth White.. .. ..Pkt. 10c
Mammoth Scarlet .. ..Pkt. 10c
Collection (imported) of six finest colors. ..60c

Verbena.

ZINNIA.

Very handsome, free flowering plants, of great richness and variety of color, which have long been grand favorites. The flowers measure 2 to 3 inches in diameter, and of various shades of color, embracing purple, deep rose, light rose, mottled rose, red, orange and buff; they resemble in their outline a fine double French Marigold, but much larger in size. Half-hardy annual.

Tall Double Mixed.. .. ..oz. 50c., pkt. 5c
Dwarf Double Mixed .. ..oz. 50c, pkt. 5c
Double White ..Pkt. 5c | **Double Scarlet**..Pkt. 5c

Giant Flowered—This variety forms a handsome bush, 3 ft. in height, and the mammoth double flowers, measuring 5 to 6 inches across, are of most brilliant colors.. .. ..Pkt. 5c

Liliput Flowered—A charming new class, with small and very double flowers, excellent for bouquets; mixed colors.. .. ..Pkt. 5c

Crested and Curled—The flowers are large and double, the petals being twisted and curled into most graceful forms; all shades and color; finest mixed .. ..Pkt. 5c

Collection of six finest double varieties 50c

SPECIAL MIXTURE OF

FLOWER SEEDS FOR WILD FLOWER GARDENS

These mixed flower seeds embrace a great variety of such easy growing ahd pretty flowers as are suitable for forming a wild flower garden. They are very useful for sowing in almost any old corner of the garden or grounds, and if kept free from weeds can be made to produce a continual display of bloom during summer. Pkt. 10c, ½ oz. 20c, oz. 30c.

Helichrysum—Everlasting.

EVERLASTINGS

The Everlasting flowers are not only ornamental during the summer, but very attractive for winter decoration. They should be cut as soon as they come into bloom and dried in the shade with the heads downward to keep the stems straight.

Acroclinium—Double mixed, white and rose. Half-hardy annual.

Globe Amaranth—(Gomphrena)—Double mixed. Hardy annual.

Helichrysum — Exceedingly effective, double flowers of most brilliant colors. Hardy annual.

Helipterum—Flowers white and golden yellow. Tender annual.

Rhodanthe—Very handsome, rose and white mixed. Tender annual.

Xeranthemum—Double mixed; purple, yellow and white mixed. Hardy annual.

Any of above, pkt. 5c; the six for 25c.

Zinnia.

ORNAMENTAL GRASS SEEDS

Are particularly valuable for the formation of winter bouquets, wreaths and other ornaments, in connection with the everlasting flowers, for which purpose they should be cut when green, at about the time of flowering, and dried in the shade.

Those marked with an Asterisk are Perennial Species.

Agrostis Pulchella—Very beautiful .. ..Pkt. 5c

Agrostis Nubulosa—The most elegant of ornamental grasses .. ..Pkt. 5c

Briza Maxima—One of the most ornamental grasses; perfectly hardy .. ..Pkt. 5c

Briza Gracilis—Very beautiful variety from Cape of Good Hope.. .. ..Pkt. 5c

***Bromus Brizaeformis**—Very fine grass, with elegant hanging ears .. ..Pkt. 5c

Eragrostis Elegans—An elegant airy grass of dwarf growth.. .. ..Pkt. 5c

***Erianthus Ravennae**—Extremely elegant, resembling the Pampas Grass in appearance and habit of growth; its noble plumes of silvery inflorescence are pure white and delicately beautiful; 7 feet.. .. ..Pkt. 5c

***Gynerium Argenteum**—(Pampas Grass)—The most noble grass in cultivation; flowers second season; not quite hardy here, though we have kept plants safely by covering with leaves.Pkt. 5c

Lagurus Ovatus—(Hare's Tail Grass)—Small white plumes; 1 foot .. ..Pkt. 5c

***Stipa Pennata**—(Feather Grass)—Magnificent but rather difficult to grow without heat...Pkt. 5c

Tricholaena Rosea—Exceedingly pretty..Pkt. 5c

FLOWERING BULBS

GLADIOLUS FOR SPRING PLANTING

There are few flowers which produce such a gorgeous effect as this magnificent autumn flowering plant. Largely as they are used, and popular as they undoubtedly are, they deserve to be still more extensively grown. The great wealth and variety of color, the richness of their markings, and size of the flowers and the profusion of bloom, all combine to make them one of the most effective plants for the garden, either for massing or for growing as single specimens.

Culture.—Gladiolus are of the easiest culture. The bulbs may be planted any time from the middle of May up to the end of June. They will grow well in ordinary garden soil with almost no care whatever. The bulbs may be taken up in the fall and stored during the winter in a dry cellar away from frost.

The following collections are all from stocks of H. H. Groff, the famous Canadian Specialist, the greatest authority and introducer of Gladiolus of the present day. He was awarded the gold medal at World's Fair, St. Louis, and Pan-American, Buffalo.

World's Fair Collection—Combines all the high class recent novelties, consisting of shades of red, scarlet, pink, crimson, cerise, salmon, yellow, blue, white and light colors, with flowers of exceptional size and beauty. 20c each, 10 for $1.60, 25 for $3.50.

Collection A, Hybrid Seedlings—Newest shades of red, scarlet, cerise, pink, salmon and crimson. 10c each, 10 for 70c, 25 for $1.50.

Collection B, Hybrid Seedlings—Newest shades of white, light and yellow. 15c each, 10 for $1.00, 25 for $2.25.

Collection C, Hybrid Seedlings—Newest shades of blue, lilac, clematis and heliotrope. 15c each, 10 for $1.00, 25 for $2.25.

Collection D—Above colors all mixed. 12c each, 10 for 90c, 25 for $2.00.

The above collections are all of unequalled value. The flowers are magnificent both in color and size, and there is nothing that can compare with them.

Groff's Hybrid Seedlings—A good mixture of blooming bulbs. 10 for 40c, 25 for 75c, per 100 $2.50.

Special Mixture for Horticultural Societies—A very superior mixture. 10 for 60c, 25 for $1.25, $4.00 per 100.

Bruce's Mixed—A very satisfactory mixture and strong flowering bulbs. 10 for 20c, 25 for 40c, $1.50 per 100.

Bruce's White and Light Shades—A fine mixture, specially for florists. 10 for 40c, 25 for 80c, $3.00 per 100.

Gladiolus Prices are Postpaid to all Canadian Points. To United States and Newfoundland add 10c per 10 and 50c per 100 for postage.

GLOXIANIAS AND TUBEROUS BEGONIAS

Double Begonia.

Our stock of these beautiful and interesting plants is from a celebrated Continental grower, and can be recommended with confidence. We offer dormant flowering bulbs of the following, prices postpaid :

	Each.	Per doz.
Gloxinias—Separate colors, White, Scarlet with white throat, Tigered and Spotted	20c	$2 00
Gloxinias—Mixed colors	15c	1 50
Begonias—Single separate colors, White Pink, Crimson, Scarlet and Yellow....	15c	1 50
Begonias—Single mixed colors	10c	1 00
Begonias—Double separate colors, White, Pink, Crimson, Scarlet and Yellow ..	20c	2 00
Begonias—Double mixed colors..	15c	1 50

DOUBLE TUBEROSE

The fragrance and beauty of the Tuberose has made it a favorite with all. It keeps in bloom for a lengthened period, and its pure white wax-like flowers are produced on long spikes. Plant in the open ground in May ; the bulbs can be started much earlier in pots if desired. Place in a sunny spot in a rich soil and cover the top of the bulbs to the depth of an inch.

The Pearl—Large flowering roots, first size. Each 5c, per doz. 40c, per 100 $2.50, postpaid Canadian points.

DAHLIAS

We offer below a superb collection of Double Dahlias of various types, selected and grown by one of our leading florists. The tubers are large, and each will produce from two to three strong eyes. Plant when the ground is dry and warm, from middle of May to middle of June, in rich loamy soil; water frequently after planting and tie to stakes. A little pruning and thinning out will produce extra large blooms. About the middle of October take up the roots and place on shelves in a dry cellar, free from frost.

Bessie—White, edged mauve; very large.
British Splendor—Crimson; extra fine.
Bird of Passage—White and pink; good.
C. W. Bruton—The best yellow decorative dahlia.
Goldfinch—Yellow; extra.
Countess of Lonsdale—Cactus—A peculiar blending of salmon pink apricot.
Cactus Queen—Cactus; scarlet.
Glory of Summer—Red; very free flowering.
John Lamont—Buff yellow, edged pink; very free flowering.
Kriemhilde Cactus—Delicate pink, shading to white in the centre; a charming flower.
Nymphaea—Light pink decorative dahlia; very fine.
Pink Beauty—Pink, shaded light purple.
Uncertainty—Light pink, striped dark pink.
White Swan—Double pure white, free flowering.
Dude—Pompone; white shaded mauve.
Above varietines 20c each; $2.00 per dozen.
Mixed sorts, ordinary varieties, 10c each, $1 dozen.
Postage to Canadian Points, 20c dozen extra.

Double Dahlia.

LILIES, BULBS, PLANTS, ETC. (Prices Postpaid)

	Each.	Per doz
Auratum—(Golden Japan Lily)	$0 15	$1 50
Elegans—Mixed, many colors	15	1 50
Lancifolium—Album, white Japan	15	1 50
Lancifolium—Rubrum, red Japan	15	1 50
Pardalinum—(Leopard)	15	1 50
Tigrinum—(Tiger) double	10	1 00
Umbellatum—Many colors	15	1 50
Wallacei—Bright Apricot	10	1 00
Spider Lily	15	1 50
Tenuifolium—Coral red	$0 15	$1 50
Tigridias—Mixed	10	1 00
Fairy Lilies	10	1 00
Chlidanthus Fragrans—Yellow	15	1 20
Hyacinthus Candicans	10	1 00
Ismene Giant—White, magnificent	20	2 00
Madeira Vines	10	60
Cinnamon Vine	10	1 00
Tuberous Rooted Wistaria	10	1 00
Montbretia—Mixed	10	60

COLOCASIA (CALADIUM) ESCULENTUM (ELEPHANT'S EAR

One of the most beautiful and striking of the ornamental foliage plants, either for cultivation in large pots or tubs, or for planting out on the lawn. First size, 20c each; $2.00 per dozen. Second size, 10c each; $1.00 per dozen. Fancy leaved varieties, 20c each; $2.00 per dozen, postpaid.

THERMOMETERS

Our stocks of these is very large, and from the best manufacturers. We have too many different styles to enumerate, but we give a few prices, as follows: Long Distance, 30c each; Common, 25c to 50c each; extra fine, 75c to $2.00 each; in nickel cases, $1.00 each; minimum registering, 75c each; maximum registering, 75c each; maximum and minimum registering, $2.00 each; for hot beds, $1.50 each; for incubators, 75c each; dairy thermometers, 30c each, postpaid. All tested and guaranteed.

REGAL GARDEN GLOVES

A strong useful glove, giving full use of the fingers but protecting the hand. Just the thing for garden work and also on the farm. There is a big demand for them, and they are well made and will wash, thus lasting a long time. Made in men's sizes, large, medium and small, and also women's and boys' sizes, 15c each, postpaid, 18c each.

SURE THING FLY KILLER OIL

The best compound for keeping flies off horses and cattle and killing lice on hens, cattle, etc. Was sold with big success last season, and is pronounced by the trade who handled it superior to any other. In 1 quart tins, 35c; in ½ gallon tins, 65c; in strong gallon tins, $1,00 here.

EUREKA WEED KILLER

This preparation is truly a gardener's friend if applied as directed when the ground is moist so that it can get at the roots. It will destroy all weeds, moss, etc., on gravel paths, drives, stable yards, etc., and keep them under the whole season. In tins, contents of one of which, mixed with water, is sufficient for 100 square yards of path. Directions on tins. Price, $1.10 per tin.

PLANT DEPARTMENT

Add for postage 5c for all orders under 5 plants; over 5 plants at rate of 10c per ten. It will be noted some plants can only be sent by express.

BY EXPRESS—We recommend customers to order their Plants by express wherever it is possible, as the stock we send is larger and are shipped with balls of earth to protect the roots.

SAFE ARRIVAL GUARANTEED—We guarantee all plants to arrive in good condition. Any complaints must be made *within one week after the plants have been received.* We will then replace any which may not have arrived in good growing condition, but we cannot be held responsible for plants dying afterwards from neglect or any other cause. NOTE.—We do not pay Express or Freight Charges.

ABUTILONS—Flowering Maples.

Always popular for pot plants, vases and baskets. Their flowers are perfect bell-shaped, of various colors, and appear in masses all summer.

Boule de Neige—Fine pure white, free blooming.

Golden Bells—A perfect gem, strong handsome grower, flowers rich golden yellow.

Savitzi—The large, deep green foliage with a broad white margin makes a fine contrast; of dwarf compact growth.

Mrs. J. Laing—Color, pure rose pink, without shadings. Each 15c; set of 4 for 50c.

ALOYSIA CITRIODORA

Lemon Verbena—The delightful fragrance of its leaves renders this indispensable in making bouquets. The plants will grow to a large size if wintered over in a cellar. Each 15c, 3 for 40c.

ASPARAGUS.

Sprengeri—Especially useful as a pot plant for suspended baskets; fronds are frequently four feet long, of a rich shade of green, excellent for house culture, as it will succeed in almost any position. Each 15c, 3 for 40c. Large plants, each 25c and 50c by express.

Asparagus Plumosus.

Plumosa Nana (Climbing Lace Fern)—A most graceful plant with bright green gracefully arched foliage; beautiful decorative plant. Each 15c, 3 for 40c. Large plants, each 25c and 50c by express.

Plumosus Compactus—(New)—A plant that has long been wanted—a dwarf, compact-growing asparagus, six inches in height when fully grown, and one of the most graceful plants for filling fern dishes for table decoration. Each 30c.

BRUGMANSIA.

Angel's Trumpet—Easy to grow, and excellent for pot culture. When two or three feet high it is a marvel of beauty, being literally covered with large blooms of a rich creamy color and of long trumpet shape, exceedingly fragrant. Can be wintered in a cellar without water or kept in growing condition as a winter decorative plant. Each 25c.

BEGONIA REX.

These are grown for their gorgeous variegated foliage. Our assortment is unequalled. Each 15c, 4 for 50c.

CHRYSANTHEMUMS.

Set of 10 for $1.00, or any 5 for 60c.

Dr. Enguehard—(New)—Rose pink. Each 15c.
Ivory—Snow white, perfect form. Each 10c.
Major Bonaffon—Soft clear yellow. Each 10c.
Merstham (New)—Large early yellow. Ea. 15c.
Mlle. Marie Liger—Beautiful pink. Each 15c.
Nellie Pocket—(New)—Cream white. Each 10c.
Pink Ivory—Early shell pink. Each 10c.
Robert Halliday—Early yellow. Each 10c.
Strathcona—Late flowering white. Each 15c.
Timothy Eaton—Large ivory white. Each 10c.

OSTRICH PLUME CHRYSANTHEMUMS.

White, red and yellow. Each 15c, 3 for 40c.

BEGONIAS—Flowering Varieties.

New Ontario—(New)—One of the finest yet introduced. The flowers are large creamy white, with just sufficient pink to give them a bright cheerful glow; the foliage is a bronzy-green above and red below. Each 20c.

Argentea Guttata—Foliage large size, green, spotted with silver. Each 15c.

Manicata Aurea—Large glossy leaves, beautifully blotched with creamy white. Flowers delicate blush white on long stems. Each 20c.

Rubra—Flowers scarlet rose, glossy, wax-like. Each 15c.

Semperflorens Gigantea Rosea—A vigorous grower, producing magnificent panicles of large carmine red flowers. Each 15c.

Thurstoni—A beautiful stately plant with remarkably handsome glossy foliage. Flowers rosy white, in large clusters, well above the foliage. Ea. 15c.

Weltoniensis—Exceedingly fine, with small leaves of a delicate shade of green, blossoms of waxy pink, produced freely in summer and autumn. Each 20c.

Set of 7 for $1.00, or any 3 for 50c

CANNAS.

Dormant Roots—Each 10c, doz $1
Strong Plants—Each 20c, doz. $2, by express only.

Alphonse Bouvier—5 ft., crimson flowers.
Black Beauty—5 ft., foliage deep crimson bronze.
Austria—6 ft., yellow, slightly spotted crimson.
Beauty Poitevine—4 ft., brightest scarlet.
Express—3 ft., bright scarlet crimson.
FlorenceVaughan—4 ft, orange yellow,spotted red
Italia—5 ft., yellow and red, effective.
Mlle. Berat—3½ ft., exquisite shade of pink.
Queen Charlotte—3½ ft., orange scarlet, edged yellow.
Robusta—6 ft., gigantic dark leaved foliage.
Sam Trelease—3 ft., scarlet, yellow centre.

BOURGAINVILLEA.

Sanderiana—Almost a continuous bloomer. Produces freely its dazzling rosy crimson flowers. Each 35c.

CARNATIONS—Monthly or Ever Blooming.

Set of 10 for $1.00, or any 5 for 60c.

Boston Market—Pure white. Each 10c.
Enchantress—A pleasing shade of light pink. Each 15c.
Estelle—A bright scarlet, an easy grower. Ea 15c
Glendale—(New)—A splendid variegated sort. Each 20c.
Harlowarden—Large flowering crimson. Ea. 15c.
Lady Bountiful—Pure white, clove fragrance. Each 15c.
Mrs. M. A. Patten—Variegated, cerise on white. Each 15c.
Mrs. Thomas W. Lawson—Dark cerise pink, fine. Each 10c.
Red Lawson—Bright scarlet, pleasing. Each 15c.
Stella—Variegated, pretty. Each 10c.

COLEUS.

Popular Bedding Plants.

Each 8c; doz 80c; by express 100, $4.50.

Burning Bush — Flame color.

Beckwith's Gem—Velvet maroon edged red.

Firebrand — Maroon shaded fiery red.

Golden Bedder—Golden yellow.

Louise Beck — Bright red, dwarf.

Paroquet — Yellow and crimson.

Queen of the West—Magnificent variegated variety.

Verschaffeltii — Velvety crimson.

NEW COLEUS.

Brilliancy—Large leaves of bright carmine, shading off to a deep maroon. Each 15c, doz. $1.50.

Coleus Brilliancy.

GERANIUMS.

Each 15c; doz. $1.50; large, by express, $2 doz.

Best Double Sorts.

Bonnat — The flowers are large and of the purest deep pink.

Bruant — Fine bedder, light vermillion.

Clyde—Scarlet, of soft even shade; large.

C. Morel—The truss is enormous, glowing scarlet.

H. Buchner—One of the best whites for bedding.

John Doyle—Soft scarlet, trusses good size.

Madam Barney—Finest pink, large and finely formed flower.

S. A. Nutt—Rich and dark crimson.

Best Single Sorts.

Dryden—A grand bedder, bright, rosy red, with large white blotches.

General Leonard Wood—(New)—Crimson rose, with white blotch.

Gertrude Pearson—Pure rose pink, with white blotch.

John P. Cleary—One of the best brilliant scarlets. Enormous trusses.

Perle—Pure snow white, free blooming habit.

IVY LEAVED GERANIUMS.

Splendid variety of different colors.

SWEET-SCENTED GERANIUMS.

Our collection contains Rose, Balm, Lemon and other sweet scented varieties. Ea. 15c, doz. $1.50.

PELARGONIUMS.

(Lady Washington Geraniums). They are well adapted for pot and greenhouse plants, but unsuitable for bedding purposes; the flowers are very large and showy, the petals of which are usually blotched and striped. Ea. 20c, doz. $2.00.

SILVER LEAVED GERANIUMS.

Mrs. Parker, Mme. Solleri and Wm. Langguth (New)—Each 15c, doz. $1.50.

IVY.

Each 15c, 3 for 40c.

English—Excellent for cultivation in the house, brilliant green leaves.

German or Parlor Ivy—Rapid growing, adapted for covering trellis work, etc.

Irish Ivy—The hardiest of all Ivies; narrow elongated leaves.

LANTANA, OR SHRUBBY VERBENA.

Set of 4 for 50c.

Snow Queen—(New)—Dwarf, with large white flowers. Each 25c.

Michael Schmidt—Flowers of a brilliant yellow, passing to a copper red. Each 15c.

Protee—Not more than 10 to 12 inches in height; clear rose with yellow centre; truss of grand size. Each 15c.

New Weeping Lantana—A free bloomer, finely suited for vases, hanging baskets or specimens. At the axil of every leaf a beautiful bunch of rose colored flowers is produced. Each 15c.

PRIMULA.

Obconica Grandiflora—It is in full bloom fully nine months in the year, and some plants have kept up a succession of bloom during the entire season. Each 20c.

PONDEROSA LEMON.

Handsome plant, 20c, large 40c by express.

CACTUS.

Haworthia Clariperia—A delightful little plant for small jardinieres; highly ornamental, the bright green surface being closely overlaid with small pearls. 25 cents.

Sanseveria Zeylanica—It stands dust and draught with impunity, and requires scarcely any water. The leaves grow to a length of 3 to 4 feet, and are beautifully striped crosswise, with broad white variegations on a dark green ground. 20 cents each.

FUCHSIAS.

15c each, 3 for 40c.

Avalanche—(Double)—Dark violet purple.

Mme. Carnot—(Double)—A vigorous upright grower; blush white petals, bright coral colored sepals.

Phenomenal—(Double)—The largest known. The tube and sepals are bright coral red; the coralla is of a very rich violet shade.

Storm King—(Double)—It is of vigorous growth, elegant habit, and produces its pure white flowers in great profusion.

Autumn Leaves—A new drooping or weeping sort. The long streamers of green, red, bronze and gold foliage terminating with beautiful rosy scarlet flowers blending in perfect harmony is magnificent.

GENISTA.

(Shower of Gold.) It has become very fashionable. Flowers are pure yellow and literally cover the plants. Each 20c.

HELIOTROPE.

It is universally esteemed and admired for the delicious perfume of its flowers; violet, light blue and white. Fine plants each 15c, 3 for 40c.

HYDRANGEAS.

Hortensis Rosea—(Novelty)—This is one of the best introductions of recent date, the individual flowers being of great substance, color of a clear rose, the white centre disappears, developing gradually into a brilliant rose color. Each 30c.

Otaksa Monstrosa—Handsome rosy carmine flowers; it has the rare quality of blooming when very small. Each 20c.

OTAHIETE ORANGE.

This beautiful plant bears white flowers and yellow oranges. Strong plants 20c, large 40c by express

PALMS AND OTHER DECORATIVE PLANTS

PALMS.

Kentias—Belmoreana and Fosteriana—These are the most popular parlor palms. Hardiest in cultivation and give better satisfaction as a house plant than any other variety. They are of slow growth and are not affected by the dust and dry atmosphere of the house. Both Kentias are of similar appearance, Belmoreana being dwarfer and more spreading. Prices; Each 75c by mail. By express, $1.50 and $2.

FICUS ELASTICA.

(India Rubber Tree.) The large shining green leaves endure the dry air of a living room as well or better than any other plant. This is why everybody likes it. Each 50c, by mail; large plants, 75c and $1 by express.

NORFOLK ISLAND PINE.

(Araucaria Excelsa). This beautiful house plant resembles the pine somewhat in appearance, though much finer in texture. Ea. $1 and $1.50, by express.

PANDANUS VEITCHII.

Leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved. Each 50c, by mail; large plants, $1 each, by express.

ABYSSINIAN BANANA.

(Musa Ensete). The leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson mid-rib; the plants grow luxuriantly from 8 to 12 feet high during the hot summer when planted out. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub and watered sparingly. Each 35c.

Kentia Belmoreana.

FERNS FOR HOUSE CULTURE.

New Sword Fern "Scottii"—Of much dwarfer and bushier growth than the Boston Fern. The fronds drop gracefully and are not as long and coarse as the Boston. It is a rapid grower and one of the hardiest plants for the house. Price, 20c and 30c by mail. Large plants 60c each, by express.

New Fern, Nephrolepis Barrowsii—In this new variety we have a dense compact form of the Piersoni Fern, in which the fronds are not only shorter and broader, but the plants grow bushier. Each 25c and 40c by mail, large plants 60c each by express.

The Boston Fern (Nephrolepis Bostoniensis)—This is a wonderfully healthy, rapid growing and graceful house plant. In great demand. Thrives in all rooms, gas or furnace heat does not seem to injure it. Each 15c and 25c by mail, large plants 50c by express.

The Pierson Fern (Nephrolepis Piersoni)—The plant possesses the same characteristic vigor of growth as its parent, the Boston Fern, with long fronds, but with each pinnea or leaflet sub-divided so as to form a perfect miniature frond. Each 15c and 25c by mail, large plants 50c by express.

Nephrolepis Exaltata (Sword Fern)—A graceful fern, multiplying very fast by throwing out vines, on which several plants again grow. Ea. 15c and 25c by mail, large plants 50c each by express.

Maiden Hair Fern—Maiden Hair, Pteris, Holly Fern, and many other popular varieties, suitable for fern dishes. Each 15c, 4 for 50c.

MISCELLANEOUS PLANTS

Ageratum—Dark blue. 2 for 15c, dozen 75c.

Antirrhinum (Snapdragon)—Each 10c, doz. $1.

Caladium (Elephant's Ears)—Plants 20c each by mail, $2.00 doz. by express.

Cuphea (Cigar Plant)—Each 15c.

Cyperus—Alternifolius (Umbrella Plant). Ea 15c

Dracena (Cordyline Indivisa)—Long narrow leaved. Each 20c.

Digitalis (Foxglove)—Each 15c, dozen $1.25.

Lobelia—Each 10c, dozen 75c.

Madeira Vine (Mignonette Vine)—Rapid grower, waxy foliage, sweet flowers. 3 for 10c, doz. 35c.

Mesembryanthemum—Excellent for hanging baskets; rich pink flowers. 3 for 15c, doz. 50c.

Myosotis (Forget-Me-Not)—Each 10c, doz. $1.00.

Oleanders—Double white, yellow and rose. Each 25c.

Pansies—A great variety, mixed colors, 3 for 25c. dozen $1.00.

Petunias—Double fringed, mixed. Each 15c, dozen $1.50.

Smilax—Dark green foliage, climber. Each 10c.

New Salvia ("Fireball")—Each 15c, doz. $1.50.

Sweet William—Each 10c, dozen $1.00.

Tropaeolum—Double scarlet and yellow. Each 15c, dozen $1.50.

Verbenas—Large flowering, mixed colors. 4 for 15c, dozen 40c.

Verbenas—Lemon scented. Each 15c.

Vincas—Trailing plants. Each 10c, dozen $1.00.

Assorted Plants, for Hanging Baskets, Vases and Window Boxes. Dozen, $1.00.

HARDY HYBRID PERPETUAL ROSES

Extra Strong Two-year-old Bushes.

When ordered by express we send largest plants.

NEW ROSES.

Frau Karl Druschki, beautiful white. Each 40c.
Soleil d'Or, hardy yellow. Each 40c.
Jubilee, dark crimson, almost black. Each 35c.
Clio, large, very fine pink. Each 35c.
Set of 4 for $1.25.

Anne de Diesbach, charming pink.
American Beauty, the well known and matchless H. T. red roses.
Baron de Bonstetten, very large dark red.
General Jacqueminot, velvet crimson, fragrant.
John Hopper, brilliant rose, carmine centre.
Margaret Dickson, very hardy, beautiful white.
Mrs. John Laing, shell pink, fragrant and large.
Madame Plantier, pure white, beautiful cemetery rose.
Paul Neyron, bright pink, immense flower.
Prince Camille de Rohan, dark rich crimson.
Persian Yellow, hardy, deep golden yellow.
Ulrich Brunner, bright cerise red.
Victor Verdier, deep rose red, excellent.

Each 30c, 4 for $1.00 postpaid, dozen $2.50 by express.

ENGLISH SWEET BRIAR.

Valuable for the refreshing fragrance of its leaves. It is perfectly hardy and once planted little or no care is necessary. Strong 2-year-old bushes, each 25c.

New Rose—Jubilee.

MOSS ROSES, each 30c, 4 for $1.00.
Crested, pink; **Blanche Moreau**, white; **Glory of Mosses**, red.

EVER-BLOOMING TEA ROSES

Strong one-year-old plants, each 15c, 4 for 50c. Two-year-old plants, each 25c, 4 for 80c.

They may be planted in the garden during summer, but require house protection for the winter, where they will grow and bloom profusely.

Agrippina, free flowering, deep rich crimson.
Bridesmaid, flowers large and delightfully scented, clear rose pink.
Clothilde Soupert, wonderful bloomer, ivory white, shading to rosy blush in the centre.
Etoile de Lyon, vigorous grower, rich golden yellow
Ivory, large solid snow white flower.
Kaiserin Augusta Victoria (H. T.), beautiful pure white flowers, richly perfumed.
Madame Cochet, fleshy pink, with inner side of petals silvery rose.
Pink Soupert, hardy ever blooming bright pink.
Perle des Jardins, flowers large and double, rich shade of yellow.
Snowflake, lovely white tea scented.
The Bride, one of the most beautiful white.
Richmond—New H.—Very productive, and the flowers are of a rich scarlet color. Each 25c.

SPECIAL OFFER.

Four named Tea Roses, not listed, our selection, for 30c postpaid.

HARDY CLIMBING ROSES

Baltimore Belle—Pale blush, variegated carmine, rose and white, very double flowers in clusters. Each 25c, extra large plants each 40c.

Prairie Queen—Flowers very large, bright rosy red. Each 25c, extra strong plants each 40c.

Queen Alexandra—(New)—Large single flowers, apple blossom pink, borne in wonderful profusion. Each 15c.

VARIOUS ROSES

Rosa Rugosa—New Japan. Rose Apple—Large open single flowers, followed by elegant crimson and golden fruit. Rose or white. Each 30c.

Cemetery or Memorial Rose—Wichuriana—Trailing growth, bears single white flowers in great profusion. Each 30c.

Universal Favorite—Also a good variety for use in cemeteries. Flowers beautiful double rose color. Each 30c.

New Baby Rambler—Dwarf bushes not over 18 inches high. Produces trusses of bright crimson flowers very profusely. Each 40c, young plants each 25c.

HARDY RAMBLER ROSES

Crimson Rambler—Entirely hardy. Flowers bright crimson; its profusion of bloom is simply astonishing. Each 30c, young plants each 15c.

Psyche—The New Rambler—In growth and habit it much resembles Crimson Rambler. The flowers are produced in large clusters, color is white, suffused with pink, with yellow base to petals. Each 30c, young plants each 15c.

White Rambler—In habit of growth is identical with Crimson Rambler. Flowers snow white and sweetly scented. Each 30c, large plants each 50c.

Yellow Rambler—Flowers clear decided yellow, borne in large clusters and very sweetly scented. Each 30c, extra large plants each 50c.

Dorothy Perkins—(New)—Very hardy, flowers beautiful shell pink. Ea. 35c, young plants 15c ea.

We recommend the following necessaries to all plant lovers
Fertilizers—Bonora and Guano. Page 78.
Insecticides—Fir Tree Oil, Nikoteen and Sulpho Tobaco Soap. Page 79.
Electric Insect Exterminator, for applying powder. p. 79.
Faultless Hand Sprayers, for applying liquids. Page 89.

HARDY PERENNIAL PLANTS

The most desirable varieties for Canadian Gardens. Perfectly hardy anywhere, and thrive and bloom year after year with little or no care after once well planted.

Arabis Albida—Evergreen foliage, very early white blooming flowers. Each 15c.

Anemone—Late flowering, very desirable. White, pink and deep rose. Each 25c, set of 3 for 60c.

Alyssum Saxatile—Velvety grey foliage, yellow flowers. Each 15c.

Achillea—Splendid for summer cut bloom, pearl, white, reseum pink. Each 15c.

Aquilegia — (Columbine) — Excellent border border plants. Large variety of colors. Each 15c, 3 for 40c.

Boltonia—Very showy, large single Aster-like flowers. Latisquama, pink; Asteroides, white. Each 20c, 2 for 35c.

Coreopsis Lanceolata—Beautiful border plant. Golden yellow flowers, bloom all season. Ea. 15c.

Chrysanthemum—Large white flowers, yellow centre, good for cut flowers. Each 15c.

Campanula—Canterbury Bells—Splendid hardy perennials, double blue, single blue, Each 15c.

Dielytra, or Bleeding Heart—Paeony-like foliage, pink heart shaped flowers. Spectabilis and Eximia. Each 20c.

Daisy—Exquisite little perennials. Double white and double red. Each 15c, dozen $1.00.

Delphinium—Double Hybrid Larkspur—Very attractive. Each 15c, dozen $1.00.

Eulalia—Very graceful, tall, ornamental grass, 4 to 6 feet high.

Japonica Variegated, Japonica Zebrina, Gracilis Univitata. Each 20c, 3 for 50c.

Funkias or Day Lilies—Handsome hardy foliage and flowering plant; Grandiflora. Large white flowers. Each 20c. Coerulea, blue, each 15c.

Gaillardia Grandiflora—Very showy large flowers, assorted colors. Each 15c, 3 for 40c.

Gypsophila Paniculata—Minute white flowers, splendid for cutting. Each 15c.

Helianthus — Perennial Sunflower — (New) — Sparsifolia. Large graceful single deep yellow flowers of a deep yellow; each 25c. Latiflorus, fine single yellow flowers, brown centre, 15c each. Multiflorus fl. pl., double dark golden yellow flowers, each 15c. Set of 3 for 45c.

Hollyhocks—Great favorites, their unique growth giving them a welcome everywhere. Flowers large, double. Double white, double pink, double yellow, double red, double maroon, double cream. Each 20c, dozen $2.00.

Heliopsis Pitcherianus—The flowers are long stemmed, large, and of a deep yellow; desirable perennial. Each 15c, 3 for 40c.

Heuchera—Flowers are produced in loose graceful spikes; red, white. Each 15c.

Helenium—Robust habit, 3 ft. high; flowers 1½ inches in diameter, of a deep orange color. Each 15c, 3 for 40c.

Hibiscus—Crimson Eye—Immense white flowers, with crimson spot in centre. Each 20c.

Hemerocallis—Fragrant lily shaped flowers, single yellow, double yellow. Each 15c, 3 for 40c.

Iris—Japanese—Enormous flowers, white, crimson, rose, lavender, and variegated colors. Each 20c, dozen $2.00.

Iris—German—Large range of separate colors. Each 10c, dozen $1.

Iris—Siberian—These little beauties deserve to be better known. Each 10c, dozen $1.00.

Lysimachia Clethroides—(Loose Strife)—Pure white flowers. Each 15c.

Lychnis Chalcedonica—(London Pride)—Single intense scarlet flowers. Each 15c, 3 for 40c.

Platycodon—Giant Bell Flowers—In constant flower; white, blue. Each 15c, 2 for 25c.

Pinks—Hardy garden varieties; white, pink crimson. Each 15c, 3 for 40c.

Paeonies, Double—Exceedingly effective, the diversity of color, profusion and duration of bloom, handsome massive foliage, accommodating habit, and easy culture, render them most popular. Purchaser please state color desired. 25c each, $2.50 dozen.. Newest sorts, including Festiva Maxima, white; Francois Ortegal, purple crimson; Fragrans, rose; Livingstone, red, white tipped; Officialis, crimson, and Magnificus, blush white. 50c ea., $5 doz. Postage on Paeonies 5c ea. extra.

Phlox, Tall—Greatly improved past few years and great favorites. Our collection embraces about 10 best up-to-date sorts. Purchaser please state color desired. 15c each, $1.50 dozen.

Phlox, Subulata—Spreading stems, suitable for borders; white and blue. 15c each, $1.00 dozen.

Primrose—Hardy English, bright yellow, each 15c, 4 for 50c. New Double White, very fine, each 25c.

Phalaris—Ribbon Grass—Large variegated foliage. Each 10c, 3 for 25c.

Pyrethrum—Large variety of colors, like a large single Chrysanthemum. Each 15c, 4 for 50c.

Potentilla—Double orange flowers, superb, free bloomer. Each 20c, 3 for 50c.

Poppy—Iceland—Large flowering, handsome, mixed varieties. Each 15c, dozen $1.00.

Rudbeckia—Double Golden Glow—Splendid plant, good for cut flowers. Each 15c, 4 for 50c.

Spirea, or Meadow Sweet—Ulmaria, clouds of feathery white blossoms. Palmata, a beautiful variety, crimson flowers. Each 20c, 3 for 50c.

Statice—Sea Pink or Thrift—Dainty plant, bright pink flowers. Each 10c, 3 for 25c.

Tritoma—Red Hot Poker or Torch Plant—Pfitzeri, rich orange scarlet. Uvaria Grandiflora, brilliant scarlet. Each 25c.

Violets—Double Russian or English, dark blue. Princess of Wales, single purple. Each 10c, 3 for 25c.

Yucca—Adam's Needle—An effective plant, creamy white flowers, hanging from branching arms. Each 25c, young plants each 15c.

Yucca.

HARDY SHRUBS

These can be mailed—but when ordered by express we send extra largest. We always advise customers to have Shrubs forwarded by express whenever possible.

Althea—Rose of Sharon—Unsurpassed for freedom of bloom or range of color, large handsome camellia-like flowers. Double dark rose, double white, double blue and double variegated. Each 30c, 4 for $1.00.

Azalea Mollis—Beautiful, very early, mixed colors. Ea. 40c

Barberry—Suitable either as single specimens or hedge plants, ; Purpurea, foliage and fruit violet purple ; Thunbergia, beautiful foliage and string of crimson berries ; Vulgaris, green foliage and crimson berries. Ea. 20c, 3 for 50c.

Boxwood—Used for edgings. 1 year old, each 15c, doz. $1.25; 2 year old, each 25c, doz. $2.25.

Cercis—Beautiful flowering shrubs. Canadensis, pink blossoms ; Japonica, flowers deep rose color. Each 30c.

Colorado Blue Spruce (Abies Kosteri)—Beautiful and hardy. Rich blue foliage ; valuable addition to any lawn. Each $1.50.

Caragana Arborescens—Siberian Pea—Very hardy, suitable for Manitoba and the west, grows 4 to 5 feet, with profusion of yellow flowers. Each 20c, 3 for 50c.

Chionanthus Virginica—White fringe ; forms large bush of great beauty, delicate snow-like flowers. Each 25c.

Deutzia Lemoinei.

Cercidiphyllum Japonicum—Grand cemetery tree. Hardy and of rapid growth. Leaves are heart shaped, dark green above and silver green beneath ; very attractive. Each 40c.

Chorchorus—Dwarf, silver variegated leaved. Pretty and valuable. Each 25c.

Clethra Alnifolia (Sweet Pepper Bush)—Dark green foliage and upright spikes of white flowers ; desirable. Each 30c.

Calycanthus Floridus—Wood and flowers fragrant, the latter are of a chocolate color. Each 25c.

Cornus (Dogwood)—Alternifolia or Blue, extremely pretty white flowers ; Siberica Variegata or Red Siberian, a rare variety, clusters of white flowers. Each 25c postpaid ; large, each 40c by express.

Corylus—Purple leaved hazel, conspicuous deep maroon leaves, grows 8 ft. high. Each 20c.

Cydonia Japonica—Scarlet Japan Quince, bright effective scarlet flowers, also suitable for hedging. Each 25c, doz. $2.25.

Deutzia—Showy, very ornamental. Gracilis, dwarf white ; Gracilis Rosea, dwarf pink ; Pride of Rochester, elegant white flowers ; Lemoinei, very large white flowers. Each 30c, 4 for $1.00.

Forsythia—Golden Bell. Fortunei—Handsome trumpet shaped yellow flowers. Each 25c. Large, each 40c by express. Suspensa and Viridissima, both graceful varieties, each 40c by express.

Exochordia Grandiflora—Pearl Bush—Fine large white flowers. Large plants each 50c by express.

Honeysuckle—Tartarian Bush—Showy flowers, with berries yellow. Each 25c ; extra strong, each 40c by express.

Hydrangea—Paniculata Grandiflora—Most popular, large panicles of pure white flowers, turning to pink. Young plants,each 15c ; strong, each 30c; extra large, each 50c by express.

Hardy Lilacs—Alba Grandiflora, large white flowers ; Lemoinei, double sky blue ; Charles Tenth, reddish purple flowers ; Rothamagensis, dark purple, fragrant ; President Grevy, beautiful blue, very fine ; Persian Purple and Persian White. Each 30c.

Syringas or Mock Orange—(Philadelphus)—Luxuriant foliage, pure white fragrant flowers. Double and single white. Each 30c ; large, 50c by express.

Privet—The ideal hedge plant. Quick growing dark green shining leaves. Doz. 90c postpaid ; per 100, $5.50 by express.

Prunus—Triloba or double flowering plum, 4 to 5 feet, pink flowers. Pissardi or Purple Leaved Plum, beautiful leaves, flowers small white. Each 30c.

Paulownia Imperialis—Rapid growing tree, large leaves and pretty flowers. Cut stem down every spring. Each 40c by express.

Rhus Cotinus—Purple Fringe or Smoke Tree—The feathery flower stalks give the appearance of being covered with a cloud of smoke. Each 25c ; large plants 40c by express.

Spirea—Excellent shrubs of easy culture ; Anthony Waterer, light crimson ; Collosa Alba, dwarf, pure white flowers ; Prunifolia (Bridal Wreath), double white ; Van Houtte, splendid early, large clusters of white flowers. Each 25c; large, each 40c by express.

Tulip Tree—Foliage broad, light green color, beautiful tulip-like flowers. Each 30c ; large, each 60c by express.

Viburnum or Snowball—Opulus Sterilis, fine variety, large balls of white flowers ; Plicatum, Japanese Snowball, foliage dark green, white flowers ; Tomentosum, single Japanese snowball, white flowers, beautiful. Each 30c ; large, each 50c by express.

Weigela—Vigorous growth and adapted to any good soil, white, pink and variegated flowers. Each 25c ; large, 40c by express.

Weigela Candida.

SMALL FRUITS

Gregg Raspberry.

CURRANTS.

	Ea.	Doz.	100
Red Cherry	10c	$1.00	$6.00
Fay's Prolific Red	15c	1.25	6.50
Raby Castle, Red	10c	1.00	6.00
Black Champion	15c	1.25	6.50
Black Naples	10c	1.00	6.00
White Cherry	15c	1.25	6.50

Prices postpaid except at 100 rate.

GOOSEBERRIES.

	Ea.	Doz.
Whitesmith, large	25c	$2.00
Downing, large green	15c	1.00
Industry, very large, red	25c	2.00
Red Jacket, good	20c	1.50

Prices postpaid except at dozen rate.

RASPBERRIES.

	Ea.	Doz.	100
Cuthbert, large berries, rich crimson	10c	$ 75	$2.50
Columbia, large, red	15c	1.25	5.00
Golden Queen, yellow, large and productive	10c	1.00	3.00
Erie, splendid black variety	10c	1.00	4.00
Gregg, Blackcap, one of the best	10c	1.00	4.00
Cumberland, new black cap, splendid variety	15c	1.50	

Prices postpaid except at 100 rate.

RHUBARB ROOTS—See page 24.

GRAPES.

	Ea.	Per 3	Doz.
Herbert, best black	20c	50c	$1.25
Moyer, best red	20c	50c	1.50
Moore's Diamond, best white	20c	50c	1.50

Prices postpaid except at dozen rate.

STRAWBERRIES.

	Ea.	100
Palmer's Extra Early, new, large, right color	40c	$1.25
Clyde, early, enormous size, bright scarlet	35c	1.00
Bederwood, early, sweet, large, crimson color	30c	90
Enormous, medium, very large and firm, deep crimson	40c	1.25
Brandywine, late, fine, immense size	30c	90

Prices postpaid except at 100 rate.

ASPARAGUS ROOTS—See page 2.

SAGE ROOTS—Each 10c, 3 for 25c.

HARDY CLIMBING VINES

Actinidia Polygama—Silver Sweet Vine—Strong grower, glossy green foliage, flowers creamy white and fragrant. Each 25c, postpaid; large, each 40c, by express.

Akebia Quinata—A Japanese twining plant, dark green foliage, brown flowers, delicious odor. Each 25c.

Ampelopsis—Veitchii—Boston Ivy—Grows rapidly, clings firmly to any wall, tree, etc. Leaves olive green, changing to scarlet in autumn. Each 20c, 3 for 50c. 2 year old, 30c, 4 for $1.00 ; 3 year old, extra strong, each 50c.

Quinquefolia—Virginian Creeper—Rapid growing vine,, with large dark green foliage. Each 20c, 3 for 50c ; 3 year old, extra strong, each 40c, 3 for $1.00.

Chinese Wistarias—Large drooping clusters of lovely pea shaped flowers, grows quickly, blue and white. Each 40c.

Dutchman's Pipe—Aristolochia Sipho—A vigorous growing twiner, brownish colored flowers, resembling a Dutchman's pipe. Leaves light green and very large. Each 30c, postpaid ; large, each 50c by express.

Bignonia Radicans—Trumpet Vine—Useful for covering unsightly places ; flowers are dark red, orange throats, large and trumpet shaped. Ea. 25c.

Honeysuckle—Aurea Reticulata, Japanese golden leaved, beautiful. Each 40c by express.

Scarlet Trumpet—Produces scarlet flowers all summer. Each 25c.

Halliana—Vigorous growth, white flowers changing to yellow. Each 25c.

Cobea Scandens—Rapid growing annual climber, fine foliage, large bell shaped flowers, blue and white. Each 10c.

Clematis—Large flowered varieties. Very popular hardy climbers, remarkable for their beauty. Each 60c.

Duchess of Edinburgh—Double white, deliciously scented.

Henryii—Beautiful creamy white.

Jackmanii—Violet purple, rich velvety appearance.

Madame E. Andre—A most novel variety, carmine red.

President—Strong grower, deep sky blue.

Clematis Paniculata—Glossy green foliage, flowers are white, star-shaped, and borne in large clusters, fragrant. Each 30c, 4 for $1.00.

Crimson Spirea Anthony Waterer—See page 76

FERTILIZERS

Buffalo Pure Ground Bones for fertilizing purposes. Our ground bones are a very superior and carefully prepared fertilizer. A machine that will sow plaster will also sow the above. In Turnip culture they are particularly recommended. Apply at the rate of ten bushels (600 lbs.) per acre, and drill in with the seed. Highly recommended for lawns, etc. $2.75 per 100 lbs.; $5.00 per bag of 200 lbs. ; $40 per ton.

Gypsum or Pure Land Plaster, is white. It has great power in seizing on the escaping ammonia and giving it to plant life. Gypsum is the cheapest, and especially when used in conjunction with manure, one of the most powerful fertilizers in nature. It also attracts moisture. It is used largely on all crops and is of great benefit to lawns, as well as to every sort of fruit trees, vegetables or flowers. Sow early in the spring and autumn, when verdure is moist. Best effect to sow light and often. In good linen bags containing 150 lbs., 70c per bag, $8.50 per ton.

Pulverized Sheep Manure—A natural manure, most nutritious for plants ; effect immediate and lasting. Excellent for mixing with soil for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes safe and quick liquid manure ; one pound to five gallons of water, can be used daily, if necessary, with safety. 1 lb. 10c, 12½ lbs. 50c, bag of 100 lbs. $2.00.

Peruvian Guano—From the large amount of ammonia and phosphate contained in pure Guano, it is one of the most powerful stimulants for plants and growing crops. Before using it should be made fine, and may be mixed with loam, charcoal, dust or plaster. It should not be mixed with lime or ashes ; much or clay also are not suitable. It should not come in contact with growing plants. As it is nearly soluble in water, it is most easily converted into liquid manure, and when applied in that form its effects are almost immediate. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, which is more efficient than repeated waterings with weaker solutions. Per lb. 10c, 25 lbs. $1.75, 100 lbs. $5.00.

Hammond's Sward Food—A first-class top dressing, especially prepared for lawns, meadows and all grass lands, to insure a thick, matted growth of rootlets. It is bad for grubs and brings no weeds. Approximate quantity to be used : For say 2,000 square feet, 25 lbs ; per acre, 600 to 1,000 lbs. No unpleasant odors and quick results. For flowers, stir it in the soil and it will help to make a poor flower bed profuse, bountiful and beautiful. In 5 lb. packages, 30c, 10 lb. packages 50c, 100 lb. kegs $4.00.

Nitrate of Soda—A powerful fertilizer, containing a large percentage of nitrogen, the property which soil most requires. Per lb. 10c, 20 lbs. $1.00, 100 lbs. $4.00.

SPECIAL MANURES FOR HOUSE AND GARDEN PLANTS.

Peruvian Guano—A valuable plant food. See above for particulars. Directions on package. In packages at 10c, postpaid 30c ; and 25c, postpaid, 70c.

"BONORA," NATURE'S PLANT FOOD.

The first essential to all plant life is the use of a good and complete fertilizer, and this is an acknowledged fact by every authority on the subject. This long-felt want is fully supplied by the new wonderful discovery, **"Bonora,"** the greatest discovery of its kind of modern times. Good for flowering plants of all kinds, lawns, shrubbery, vegetables of every variety, grape vines, fruit and shade trees, and for everything pertaining to plant life. It is, in fact, to plant life what blood is to human life, thus you will see the important position it holds in the agricultural and horticultural world. It is a boon to the early vegetable grower, maturing the crop two to three weeks earlier, thus enabling him to market his product away in advance of those who have not used "Bonora," besides improving the quality and increasing the quantity. It will greatly enrich the soil wherever applied, giving the plant an active, pushing, healthy and lasting growth. A trial will convince the most skeptical, and those who have not done so should not be without this luxury to plant life any longer.

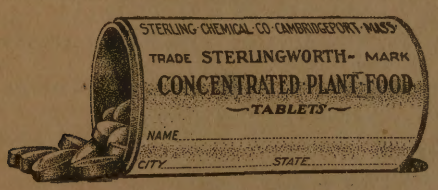
Put up in dry form, as follows : Small package, making 7 gallons, 25c, postpaid 35c; 1 lb., making 28 gallons, 50c, postpaid 75c; 5 lbs, making 140 gals., here $2.50.

Circular and further information on application.

Directions for Use.—It should be put in a wooden vessel and kept where animals cannot drink it. Sprinkle it on the plant, using a sufficient quantity to soak through the earth and reach the roots. Give two applications one week apart, and you can then judge whether another is necessary by the appearance of the plants.

Treated with "BONORA." Treated with Fertilizer.
Both were the same size before treatment.

STERLINGWORTH PLANT FOOD TABLETS.



Contain nitrogen, ammonia, phosphoric acid and potash. A new scientific, odorless, concentrated fertilizer for potted plants and vegetables. Takes the place of liquid manure. Use by dissolving in water. It starts the plants at once into healthy and vigorous growth and makes them grow and bloom luxuriously. They drive troublesome insects and worms from the soil. They are odorless, nonpoisonous, uninjurious, and are clean and easy to handle. If your plants are not doing well, try Sterlingworth Plant Food Tablets and see how quickly they are benefited. Trial size box, sufficient for 10 house plants for 3 months, 10c, postpaid. Large size box, sufficient for 35 plants for 3 months, 25c, postpaid.

PREPARATIONS FOR THE DESTRUCTION OF INSECTS

Slug Shot—(Hammond's)—It is in the form of an impalpable powder, and is fatal to insect life in every form in which they are injurious to vegetation. It will also be found to be an excellent fertilizer, as plants upon which it is used will be found to grow and look finer than those upon which it is not. It contains nothing injurious to domestic animals and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. Canisters, with perforated top, filled with Slug Shot, 20c each, postpaid 35c. In 5 lb. packages, 35c ; 10 lb. packages, 65c ; in barrels of about 225 lbs., 4½c lb.

Grape Dust—(Hammond's)—An excellent article for killing as well as preventing mildew, mould or rust mites on roses, grape vines and other plants and trees affected by the same. More effectual and cheaper than sulphur. Required to be applied reasonably frequent. In 5 lb. packages, 50c ; in 100 lb. kegs, $6.00.

Whale Oil Soap—A splendid article for preserving flowers, shrubs, vines, and particularly rose bushes, from the destructive effects of slugs, grubs, worms, etc. ½ lb. bars, 15c; 1 lb. bars, 25c; in bulk, 15c per lb ; postpaid 20c per lb. extra.

Nikoteen Aphis Punk—A special preparation of nikoteen for burning in greenhouses to destroy green and black fly, thrip, etc. Box of 1 dozen rolls, 90 cents.

Nikoteen—A liquid insecticide for use of florists and gardeners. It is composed of that element in tobacco which gives it its value and nothing else. This is without doubt the best remedy for most of the insects that attack plants and flowers. Circulars giving full particulars and mode of treatment on application. Price $2.00 per pint bottle.

Church's Potato Bug Finish—It is recommended to destroy all insect life which feeds on the leaves of plants, shrubs, bushes, etc. Use 25 lbs. to the acre, and dust it on with a fine sieve. Apply after a rain or after a dew in the morning, so that it will adhere to the vines. In 1 lb. canisters, 10c each ; 10 lb. lots, 25c ; 25 lbs. 40c ; 100 lb. lots, $1.50 ; barrel of 300 lbs. $4.00.

Hammond's Thrip Juice kills lice and scale. A concentrated liquid insecticide for destroying the lice, scale, caterpillars, mealy bugs, etc. Non-poisonous, diluted with two hundred times its bulk. Arseniated, for orchard use, diluted with four hundred times its bulk in water. Pint cans, 40c ; quart cans, 75c.

Hughes' Fir Tree Oil—This has proved to be one of the most reliable for destroying red spider, green fly, mealy bugs, scale, ants, thrip, onion fly, caterpillar, slug, blight, etc. It is also used much as a dogwash. It is put up and sold in bottles with directions for its use. Small bottles 25c; good size bottle, 50c; large bottle, 75c.

No. 1 Paris Green—We hear a great many complaints about this article, which is largely used, and it should be A1 for spraying and kindred uses. We have received a stock of the very best we can procure, which we offer as follows: In bulk, 25c per lb.; in ½ lb. packages, 25c each; in 1 lb. packages, 35c each. If required by mail add 20c per lb. for postage.

Sulpho-Tobacco Soap—Destroys cabbage, squash and potato bugs, currant worms, lice, green fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out of doors. Of special value for spraying shrubs, fruit trees and vines. Produces luxuriant roses if bushes are sprayed liberally before blooming time ; a splendid wash for dogs and other animals. 3-oz. cake makes 1½ gallons prepared solution. 10 cents, postpaid 15 cents. 8-oz. cake makes 4 gallons prepared solution. 20c, postpaid 30c. 10 lb. cake makes 80 gallons prepared solution. By express, $3.00.

Free with every order, The Window Garden, a booklet by Eben E. Rexford, on the cultivation of plants and the extermination of insects.

Kills the Bugs. Feeds the Plant.

Pat. in Canada Nov. 2, 1897, Jan. 25, 1900.
NON-POISONOUS. PREVENTS BLIGHT.

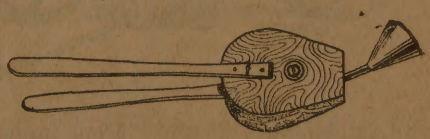
BUG DEATH

This Insecticide and Plant Food Combined has been on the market for 7 years, and its sales have shown a large increase each year. We can say to our customers that we give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the extra yield of marketable potatoes has more than paid the entire expense. It is non-poisonous, which makes it perfectly safe to use on all plants or vines. Very beneficial results are obtained by using Bordeaux Mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. Bug Death prevents blight. Order early. Could not supply the demand last season.

Price—Put up in packages as follows, with trade mark on each package : 1 lb. package, 15c; 3 lb. package, 35c; 5 lb. package, 50c; 12½ lb. package, $1.00; 100 lb. package, $7.00. Perfection Shaker for applying Bug Death, 65c. Dickey Duster, 25c each.

It may be applied dry with the Perfection Shaker, Dickey Duster, or with a small bag made from burlap or gunny cloth having the right mesh, also mixed with water and sprayed as above stated.

ELECTRIC INSECT EXTERMINATOR.

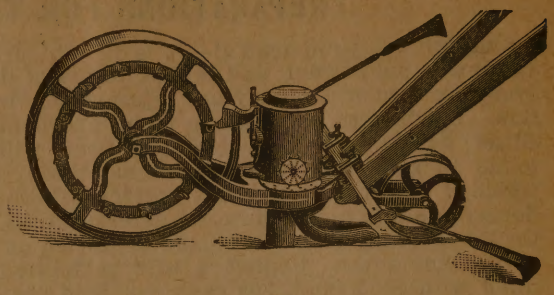


It is the most economical device for effectually applying Paris Green or other powder with little labor. The powder is put in the machine through the opening in the side, and when the handles are worked the force of the compressed air expels it so that it is spread evenly over the plants. The handles are adjustable so that the machine will work upwards under the leaves of the plants. It only requires 1 lb. of Paris Green to do an acre of potatoes ; no water required. $1.25 each, or $1.50 postpaid.

LABOR SAVING IMPLEMENTS

MATTHEWS' NEW UNIVERSAL MODEL GARDEN DRILL.

With New Seed Cut-off and Improved Markers.

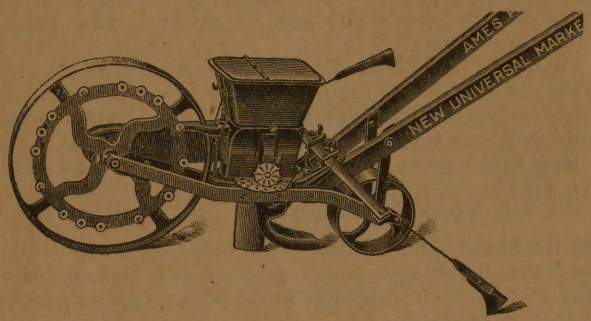


Is everywhere acknowledged to be the standard drill of America. It has been many years in use, and its largely increasing sale is the best evidence of its merit. It is designed for use in field or garden. When in operation it opens the furrows, drops the seed accurately at the desired depth, covers it, and lightly rolls the earth down over it, and at the same time marks the new row. It will sow Beet, Carrot, Onion, Turnip, Sage, Spinach, Sorghum, Peas, Beans, Fodder Corn, Broom Corn, etc., with a certainty, regularity and rapidity impossible for the most skilful hand to do. **Price, boxed, $8.00.**

MATTHEWS' NEW UNIVERSAL MODEL GEM GARDEN DRILL.

This has been perfected to meet the demand for a low priced drill. We have not only accomplished this in our design, but here offer a drill with all the essential qualities of the Matthews principle, even to embodying Seed Dial and Indicator from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of the larger drills, but we are sure that all in want of such a drill, as we represent this to be, will find it to their advantage to buy the Matthews Garden Gem. **Price, boxed, $6.25.**

NEW UNIVERSAL STEEL FRAME MARKET GARDENERS' SEEDER.



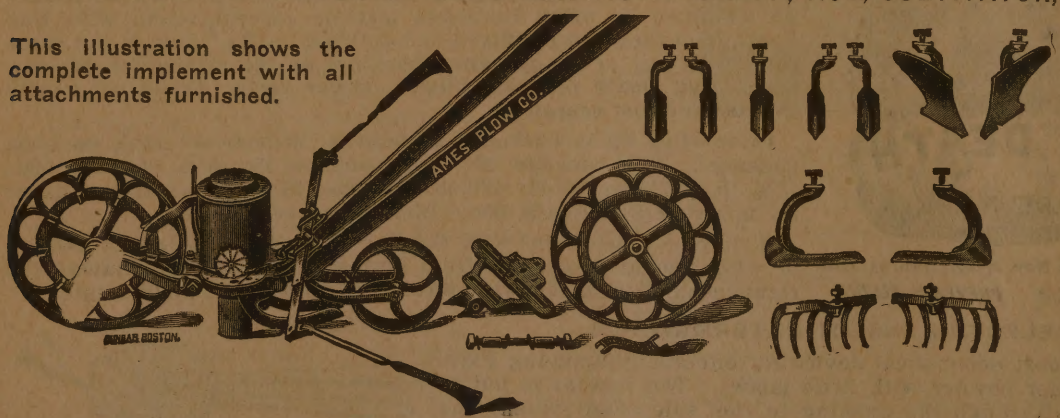
A Special Market Gardeners' Seeder, capacity of seed box 4 quarts. For planting either in drills or in hills. Designed to plant large quantities of small seeds without the waste incidental to the use of nearly all seeders, in stopping and starting. A brush in seed box furnishes agitation, but the instant machine is stopped the brush closes seed hole, and no seed can possibly drop until seeder is started again. A manual cut-off worked from handles is also furnished for convenience. The most exact results, especially on onion, spinach, beet and other similar seeds may be obtained with this seeder. It sows all kinds of garden and vegetable seeds. The dial has holes of all sizes and an indicator in plain sight on side of seed box registers them, as follows: ¾, ⅝ x ½, ½, 7-16, ⅜, 5-16, ¼, 7-32, 3-16, 3-32, ⅛, 1-16 each. These holes may be designated in order as for Corn, Peas, Beet, Parsnip, Spinage, Radish, Onions, Carrot, Sage, Cabbage and Turnip.

It, however, rests with the market gardener to decide whether he should seed thick or thin, according to the vitality of the seed he is using, or the purpose of his crop. The Furrow Opener is of the correct shape, and does not salve the soil. The adjustable steel casing may be accurately set to gauge the uniform deposit of the seed, at any required depth, thus avoiding the risk of planting at irregular depths, or so deep in places as to destroy the seed. We furnish at slight extra cost a Seed Conductor specially designed for dropping Onion Seed for sets; and also another style of Seed Conductor for dropping a narrow row. The covering of small seeds should be shallow, while larger seeds should be planted deeper. The depth may be gauged as described. The drags will throw just enough of the loose soil over the seed, and the concaved roller then following compacts and presses the whole down evenly, thus also preventing too free circulation of air, hastening germination and helping to bring moisture to the surface.

The Improved Markers are capable of easy adjustment, in such manner that the "next row" may be indicated at any desired distance. They mark distinctly whether the ground is even or uneven. There are two of them, thus saving the trouble of throwing from one side to the other, and tending to preserve a better balance. The marker not in use may be raised out of position by the foot and there held, and as easily dropped into position again. **Price, $12.00.**

MATTHEWS' NEW UNIVERSAL CONSTELLATION—SEEDER, HOE, CULTIVATOR, PLOW, Etc.

This illustration shows the complete implement with all attachments furnished.

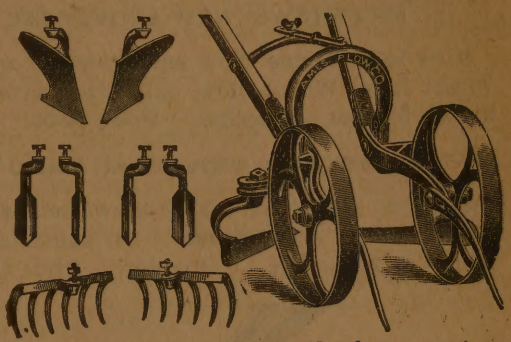


In this constellation is presented a brilliant assemblage of the new Universal Drill and the Double Wheel Hoe, Cultivator Rake and Plow for use either as a single or double wheel implement. Six implements in one. Each implement is entirely separate from the other, and the only parts used in each, the wheels and handles, are changed from one frame to the other by only two bolts. The cultivating attachments are shown detached. They are: 1 Cultivator Frame, 1 Centre Cultivator Tooth, and 1 pair each Hoes, Plows, Rakes, Markers, Narrow Cultivator Teeth and Wide Cultivator Teeth. **Price, boxed, $10.50.**

MATTHEWS' NEW UNIVERSAL MODEL HILL AND DRILL SEEDER.

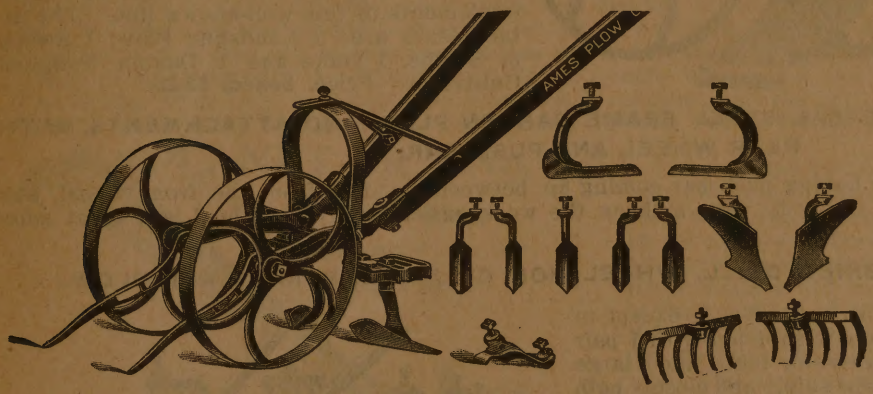
Same in style and working qualities as the above, just described, but so arranged as to drop the seed continuously in drills or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment of this Hill Dropper saves the seed, and no more than desired is dropped at a time. The change to the ordinary drill is made by one thumb-screw in detaching the "CUT OFF" from the Agitator and fastening at back on the frame. **Price boxed, $9.00.**

MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



Specially designed for working both sides of the row at one passing. The special recommendation is the Adjustable Arch, by which not only the depth of work can be gauged, but which, by an ingenious device enables the teeth to be pitched at any angle desired. It can be pushed straight ahead, but better results are obtained by using it same as a scuffle hoe, with successive strokes of length to suit the nature of soil and crop. It can be used either astride or between rows. To work both sides of the row at one passing, the attachment can be set to suit width of crop to be cultivated, keeping road midway between the wheels; no need to watch the teeth. The hoe blades can be set to turn in or out as desired by the operator. Four cultivator teeth are furnished with each; two can be used at desired width to mark out rows. For furrowing, the plows can be set close together and turn outward; for covering, set to width desired and turn inward. The depth can be regulated by adjusting wheel arms in the three holes provided on each side of the arch, also by pitching the arch by means of the arch brace and the thumb bolt, where it connects to the lower handle brace. The leaf guards are to prevent wheels from injuring large spreading foliage. **Price boxed, $6.50. With 1 pair Hoe Blades only $4.25.**

NEW UNIVERSAL EXPANSION WHEEL HOE, CULTIVATOR, RAKE AND PLOW, HIGH ARCH. A DOUBLE OR SINGLE WHEEL IMPLEMENT AT WILL.

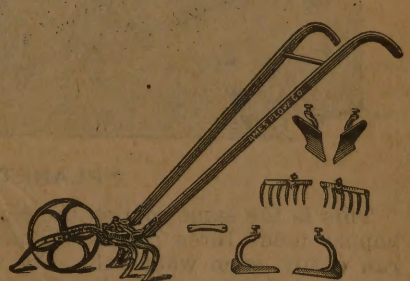


The wheels are 12 inches in diameter, and the arch high enough to cultivate over plants 20 inches or more in height. Our Double Wheel Hoe meets all requirements, but we here present, if possible, a more complete implement of larger size. The Adjustable Arch affords means for regulating depth, and for setting pitch of teeth, a very valuable feature in using the Hoe Blades. It also admits the use of implement by either man or boy. Expansion Pads, or Tooth Holders, are provided, so any width of cultivation may be attained from the narrowest up to 20 inches wide. One wheel is preferred by many when in use as a "between row" cultivator, and for this purpose we provide the Centre Attachment, consisting of Wheel-Scraper and Tooth Holder. The attachments are: 1 pair each long bladed Hoes, short bladed Hoes, narrow Cultivators, wide Cultivators, Plows, Rakes and Vine Guards, and a Centre Cultivator and Centre Tooth Holder. **Price, boxed, $9.50. With one pair Hoe Blades only, $6.00.**

MATTHEWS' NEW UNIVERSAL EXPANSION DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

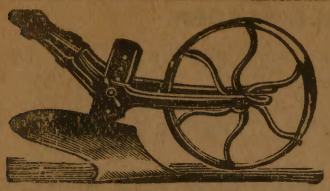
Extension pads, spring steel arch, and arch brace of same style as the High Arch Hoe just described, are used in the construction of this implement also, thus affording at a very low figure every essential to our new Wheel Hoe, except that the arch is not so high and the wheels used are 10½ inches in diameter. The attachments are: 1 pair each Hoes, Plows, Rakes, Vine Guards, Narrow Cultivator Teeth and Wide Cultivator Teeth. **Price, boxed, $7.50. With one pair Hoe Blades only, $5.25.**

MATTHEWS' NEW UNIVERSAL SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



As with the Double Wheel Hoe just described, it can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under centre of frame. Later cultivation must be done between rows. The adjustment for graduating the depth of cultivation is unique and readily accomplished. There are five adjustments of depth. The attachments are: 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 Vine or Leaf Guard.
Price boxed, $5.75. With one pair of Hoe Blades only, $3.25.
No. 2—Same as above, excepting the attachments, which are: 1 pair Hoes, 3 Cultivator Teeth and 1 large Plow. **Price, boxed, $5.**

Twemlow's Old English GLAZING PUTTY { Half liquid, superior to ordinary putty; will not crack or peel. 1 gallon glazes 300 lineal feet. Apply with Scollay's Putty Bulb. 1 quart, 50c; 1 gallon, $1.75.



MATTHEWS' NEW UNIVERSAL HAND WHEEL PLOW.

This little labor saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered.

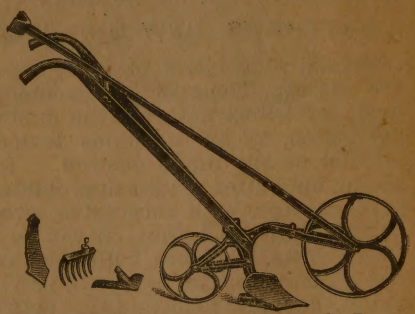
Price $2.25.

MATTHEWS' NEW UNIVERSAL HAND PLOW.

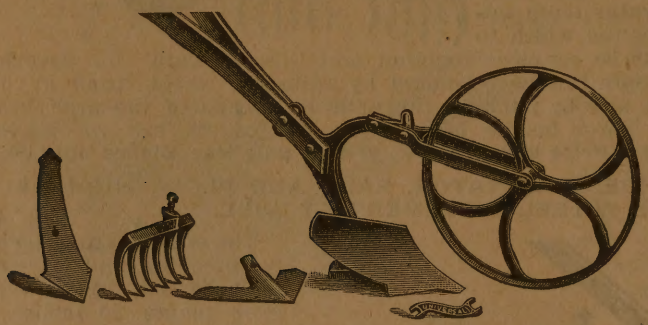
This is the same Plow and Standard as used in the new Universal Hand Wheel Plow, only fitted with a long handle, to be drawn instead of pushed. **Price $2.00.**

MATTHEWS' NEW UNIVERSAL HAND WHEEL PLOW, ETC

Same as the Hand Wheel Plow, but has a 12-inch wheel and the following attachments: 1 Landslide Plow, 1 Sweep or Scuffle, 1 Rake and 1 Cultivator. **Price $2.75.**



Garden Plow, etc., with Push Bar.



MATTHEWS' NEW UNIVERSAL STEEL FRAME GARDEN PLOW AND ATTACHMENTS.

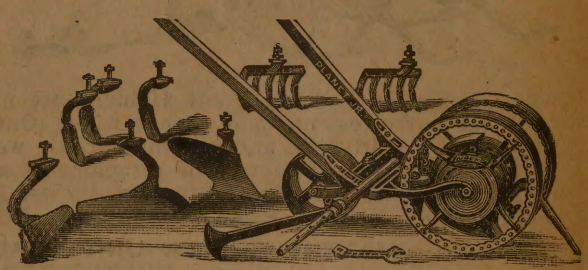
This implement, we believe, will prove a very acceptable addition to our line. The wheel is adjustable and is 15½ inches in diameter. The handles are also adjustable. The finish is in the same style as our other implements of this well-known line. The attachments are: 1 Landslide Plow, 1 Sweep or Scuffle, 1 Rake and 1 Double Tongued Cultivator. **Price, boxed, $3.25.**

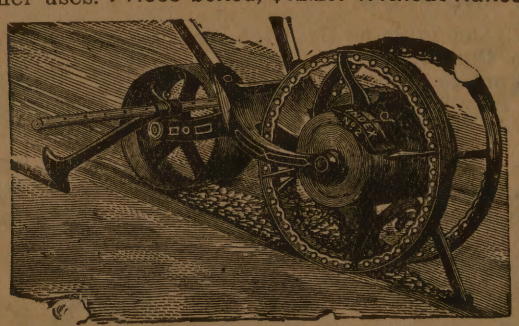
MATTHEWS' NEW UNIVERSAL STEEL FRAME GARDEN PLOW AND ATTACHMENTS, WITH REAR WHEEL AND PUSH BAR.

Same as above plow, only having push bar coming up between handles from the front wheel, and which takes the weight off the body, thus making the work easier; the rear wheel is a great addition. **Price, $4.25.**

"PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

As a Seed Drill, it is the same as No. 2, except in size. It holds 3 pints. Each tool is supplied with 1 pair of long hoes, 3 reversible cultivator teeth, and a large garden plow. As a hoe it works safely and closely both sides of the row at once when plants are small; between rows when plants are large, working all rows up to 16 inches wide at one passage. As a plow it opens furrows, covers them, hills, plows to and from, etc. As a cultivator it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel. Easily changed from a drill to its other uses. **Prices boxed, $12.25. Without Rakes $11.25**





THE "PLANET JR." NO. 2 SEED DRILL.

Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row in the most perfect and reliable manner, all at single passage. It holds three quarts. It has no cams, cover brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; remarkable for simplicity, strength, and for ease and perfection of work in the field. It can be set to run deep or shallow, and the seeds are deposited in a narrow line. **Price, boxed, $8.75.**

"PLANET JR." NO. 3 HILL AND DRILL SEEDER.

This is the same tool as the No. 5 seeder and just as good, except that it is smaller in size. The hopper holds three quarts; 15-inch patent steel driving wheel, with broad face, which makes the drill run easily, even when full. The quantity of seed is regulated by an accurate index, conveniently placed at the top of the handle, and carefully graduated for either hill dropping or drilling. The flow of seed is started or stopped by a single movement of the forefinger. The roller is broad and hollow-faced, leaving a wide, smooth track for the wheel hoe. It is extremely simple, and will not injure the most delicate seed. **Price, boxed, $12.25.**

"PLANET JR." NO. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, a rake and a plow. It holds two quarts, and as a seeder sows in continuous rows, or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow, cultivator or rake. **Price, complete, boxed, $13.25; without Rakes, $12.25; as Drill only, $10.00.**

"PLANET JR." NO. 5 HILL AND DRILL SEEDER.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by removing a convenient lever; or, the flow of seed is stopped by pushing down the seed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy, and marks the next row clearly. 16½ inch patent steel drive wheel; hopper holds five quarts; it runs light, and sows equally well with a full hopper or a tablespoonful of seed.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. **Price, boxed, $15.00.**

"PLANET JR." NO. 25 COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE.

This new combined machine is intended for a class of gardeners who have large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It is large enough for field use, for it holds 2½ quarts, and has 11¼ inch wheels, which are just the right size. As a drill it is almost identical with the "Planet Jr." No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear and the new combined cut-off and seed index with thumb-screw adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory. **Price, boxed, $15.75.**

"PLANET JR." No. 12

Double Wheel Hoe, Cultivator and Plow.

This tool has 11-inch wheels which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch, are entirely undisturbed in making changes of the height of frame, width of wheels, or in the adjustment of the tool otherwise. The arch is of stiff steel, unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards. All the blades are tempered and polished steel.

Price, boxed, - - - $8.25.

No. 13—This tool is the No. 12, with 6-in. Hoes only

Price, boxed, - - - $5.50.

"PLANET JR." NO. 16 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

This is a perfect Wheel Hoe for gardens or private places. It is very light, strong and easy running, has adjustable handles and frames, easily adapted for quick changing of teeth. The equipment is a most useful one, and will be found just right for a great variety of work. The frame changes in height and the wheel to the other side of the frame, to hoe both sides of the row at once. **Price, boxed, $6.75.**

No. 17.—This tool is the No. 16, without the leaf guards or rakes. **Price, boxed, $5.75.**

No. 18—This tool is the No. 16, with one pair 6-inch hoes only. **Price, boxed, $4.00.**

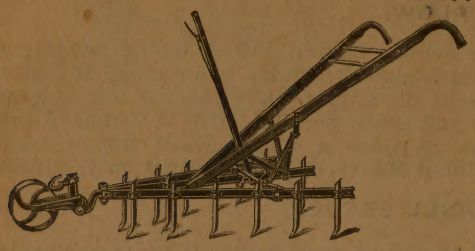
THE "PLANET JR." NO. 6 HORSE HOE AND CULTIVATOR.

Chief among its advantages is the lever wheel, a necessity for particular work; the patent Lever Expander, changing the width instantly; and Handle Adjustment for height, and also sideways for use in pole beans, grapes, blackberries, nursery stock, etc., and when covering. It also has the patent parallel frame, interchangeable and adjustable Hollow Steel Standards, reversible blades, sleeved bolt holes, etc. As a Horse Hoe, with side teeth reversed, it cuts close to the row without injury to the roots, leaving but little and in many cases nothing for the hand hoe. As a Cultivator the reversible teeth cut off and turn over the weeds in the most perfect style. As a Hiller, the side teeth work in combination with the rear shovel to perfection. **Price, 9.00; without Wheel, $8.00.**

EUREKA SEED DRILL.

For kitchen garden and hot-beds only. It sows and covers beets, cabbage, carrot, celery, lettuce, onion, radish, spinage, turnip seed and flower seeds with greatest regularity. Force feed. Splendid for hot-beds. Sows close to the sides in straight rows. Not a toy, but a strong, practical machine that will last and give satisfaction. $1.00 each; postpaid $1.35.

NEW UNIVERSAL HARROW CULTIVATOR.

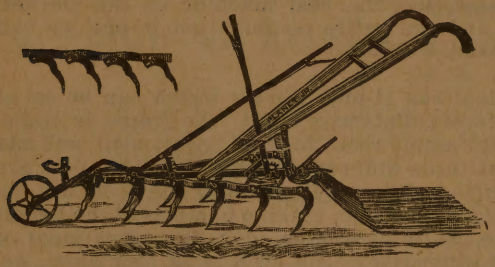


For fine work among small plants where it is desired simply to loosen and pulverize the soil, this style of Cultivator is unsurpassed. It is specially desirable in the working of strawberries. Adjustable and reversible steel teeth, diamond shaped, may be used either end up, and may be set either straight or slanting backward or forward. One end of each tooth is cut plain, while the other end is curved and forged. It has 14 teeth, expanding lever and wheel lever. We recommend this implement as the strongest and best Harrow Cultivator made. Price $8.00.

NEW UNIVERSAL HOLLOW STEEL STANDARD HORSE HOE AND CULTIVATOR.

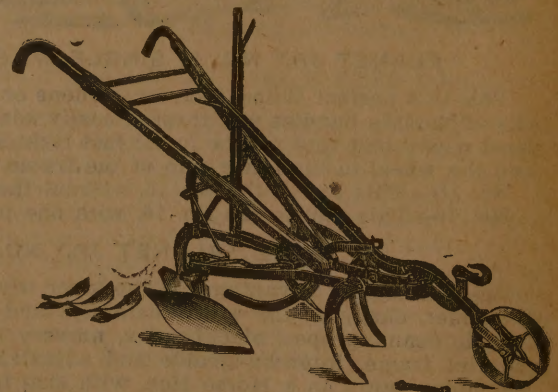
The new Universal Horse Hoes and Cultivators are recommended as strictly first-class and the peer of any similar implement on the market. The frame is made of special quality steel, and is longer and higher than usual to give better control of the implement and keep clear of trash. The tooth standards are pressed from hard sheet steel forming a hollow back and a round front. They are strong and easy of adjustment. The hoe standards take either hilling moulds or cultivating teeth, and may be turned all the way around to give any sideways angle desired, and to use the hilling moulds with point foremost, or the reverse. The expanding bars are strong, and are reinforced by the outside handle braces. The wheel lever and expanding lever are so shaped as not to interfere one with the other. It has the rear depth regulating wheel, which is operated by wheel lever in unison with front wheel, which keeps it perfectly level under all conditions. This may be detached if not wanted. The handles are of increased length to correspond with the long frame, and are adjustable. Attachments: Five Cultivator Moulds, three Hoe Moulds, Expanding Lever and Wheel with Lever. Price $8.50.

THE "PLANET JR." TWELVE TOOTH HARROW, CULTIVATOR AND PULVERIZER.



This tool is offered as the very best known for its intended purpose. The frame is high. The blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface, the recurved throat of the tooth and the high frame preventing clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. The teeth are set straight with the line of motion, at medium width, and are interchangeable. They may be worn off three inches before requiring renewal and yet retain their original cutting width, and are cheaply replaced when worn. This tool has our lever expander and lever wheel, by which the depth and width may be changed instantly while in motion from 32 to 12 inches, and also a thorough pulverizer attachment, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which is operated instantly by the foot while in motion. For fine cultivation, either deep or shallow, or for working among small plants, this tool has no equal. It cultivates deep, without throwing earth upon the plants, and the teeth turn strawberry runners without injuring them. **Price, plain, $8.00. With wheel, $8.50. Complete, with Pulverizer, etc., $10.50.**

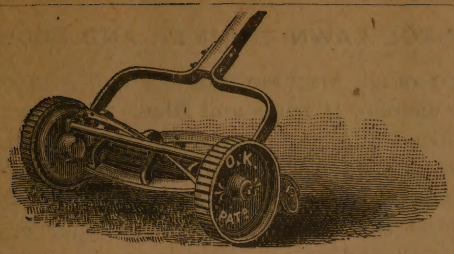
THE "PLANET JR." NO. 8 HORSE HOE AND CULTIVATOR.



This is an improvement on the No. 6 Horse Hoe, and differs from it as follows:

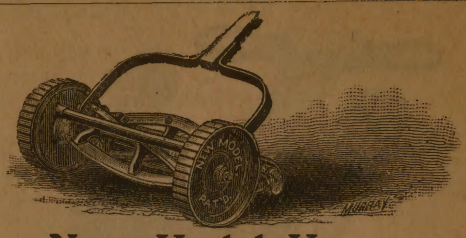
The frame is longer than usual and about one and a half inches higher, making a tool that will not clog easily. The standards are framed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator; these are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. The Expander—This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. Handles and Braces—These are also absolutely new and the most effective and stiffest combination known at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise. The Reversible Side Hoes, patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots, that an immense amount of hand labor is saved. Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. **Price, $10.00; without Wheel, $9.00.**

We have Special Catalogues giving full descriptions and directions in regard to Lawn Mowers, Spray Pumps, including Spraying Calendar and Mixtures, Drills, Hoes, Cultivators, etc. Will Mail these on application.



The "O. K."

This Mower has been thoroughly tested, and we have no hesitation in recommending it in every respect as a first-class low price machine. For lightness of draught, simplicity of construction and adjustment this mower is a great success; its quality is unquestioned, and it is fully guaranteed. **14-inch cut .....$4.25 | 16-inch cut $4.50**



New Model Mower

For simplicity, durability and quality of work, this Mower is superior to any in the market. All that mechanical skill can devise, or the experience of a score of years in the manufacture of lawn mowers could suggest are embraced in the construction of the New Model Mower. Constructed of the best material only and A1 in every respect. **16-inch cut $8.25**

Rival High Wheel Lawn Mower

The driving wheels are 9 inches in diameter and the revolving cutter has three blades of the best quality of steel. It is the only practical self-sharpening mower, the adjustments are simple, the material and workmanship the best, and it is a first-class mower at a reasonable price. **16-inch cut, $6.00.**

New Model High Wheel Mower

This has all the good qualities of the famous "New Model," and in addition, besides other improvements, will cut higher grass than the ordinary mower. **16-inch cut, $9.50.**

The Lennox Ball Bearing Mower

An excellent cheaper make of this latest and best style of Lawn Mower; 3 blades. **16-inch cut, $7.50.**

The Universal High Wheel Mower

This Mower, for cutting either tall or short grass, is intended to meet the requirements for a cheap, strong, substantial and light running machine. The driving wheels are 9 inches in diameter. The revolving cutter consists of a steel shaft, malleable iron flanges, and the knives are of extra heavy steel of the best quality. The adjustments and ratchets, while simple, are also positive, and cannot get out of order. We use on this Mower our double-edged bottom knife and noiseless wood roller. **16-inch cut, $4.50 each.**

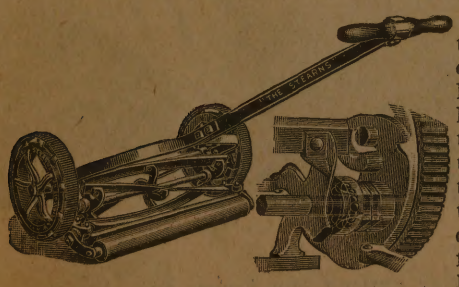
New Excelsior Horse Lawn Mower

This is the best horse lawn mower made, and we have excellent testimonials from those to whom we have sold in Canada. It is furnished with a side draught attachment that permits the horse to walk only on the cut grass. We use the sectional castor wheels, which do not roll down the standing grass nor leave unsightly marks on the lawn. We can also furnish, when desired, a grass box attachment for collecting the cut grass, which is extra. It is made of the very best material throughout, and the greatest care is exercised in its construction. **25-inch cut, with seat, shafts and side draught attachment, $60.00 ; 30-inch, $80.00 ; 35-inch, $100.00 ; 40-inch, $120.00.**

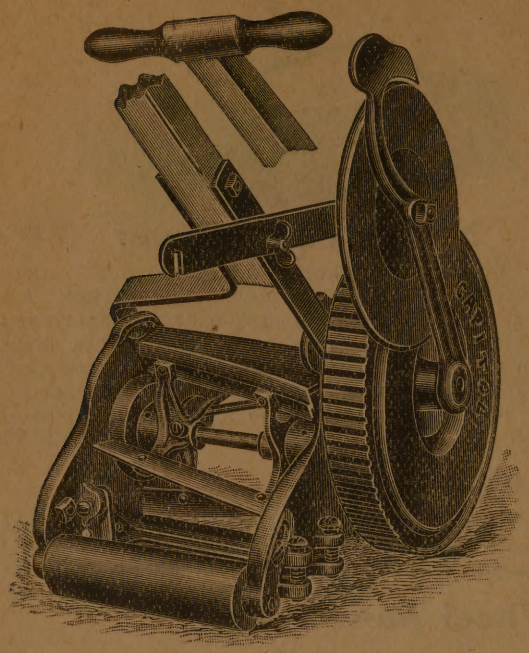
Royal Blue Ball Bearing Mower

In this Mower we offer to the public the simplest, lightest running and most perfect Mower of its kind produced. One screw adjusts both bearings and effectually takes up all lost motion, keeping the bearings properly adjusted more permanently than any device heretofore used on a mower. It has our improved ratchet, adjustable handle device for terrace cutting, and will do more kinds of work than any other mower on the market. It is made of the best material, handsomely finished, and we guarantee it to give perfect satisfaction. **16-inch cut, $11.50.**

Stearns Ball Bearing Lawn Mower



The advantages of ball bearings are well understood. There is the same reason for their use on a mower that there is on a bicycle—to make it run easy. While it runs so much easier and with less noise than other mowers, it cuts faster, cleaner, more evenly, does not push the grass before it, but cuts every spear, leaving the surface of the lawn perfectly smooth. It costs no more than the average "high class" mower, yet it lasts much longer. It is therefore in the end cheaper, and does better work in shorter time with less fatigue to the operator. The stationary knife is of selected quality crucible steel, oil hardened and ground to a fine cutting edge. The cylinder knives are of special analysis open hearth steel, oil hardened, and the temper drawn just enough to permit of their being sharpened with a file, yet so hard that they will not become nicked. All oil holes and adjusting screws are easily reached from the upper side ; there is no necessity for turning the mower over for oiling or adjusting. The notched roller arms which lock into corresponding notches in the side plate allow parallel adjustment of the roller. **Price, 16-inch cut, $9.00.**



The Capitol.

THE CAPITOL LAWN TRIMMER AND EDGER.

Does what no other machine can do, and what Lawn Mowers leave undone. It trims and edges your lawn with remarkable speed and perfection; the shield over the blade protects the flowers. A trial will convince you, as it has thousands of others, that the days of shears, clippers, etc., is past. This machine has four crucible steel blades six inches in length, which are hardened and tempered in oil, brass bushings, double adjustment, in fact, is strictly high grade. Price, $9.00.

PLANET JR. GRASS EDGER.

Extreme neatness is the great secret of attractiveness in grounds surrounding a house. The Grass Edger assists wonderfully in producing this effect. It will edge either straight or curved work, paths, drives, open borders or flower beds, at a speed of a mile an hour. It should be the constant companion of a lawn mower. Strawberry growers find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners. Price, $7.00.

BEST GARDEN HOSE.

We offer Anchor Brand 3-ply Hose, one of the best grades, as follows: ½ inch, $14.50; ¾ inch, $17.00 per 100 feet; couplings, 25c per pair; nozzles, 75c each. It is poor policy to buy a cheap grade of hose.

PRESTON LAWN SPRINKLER.

We offer in this the best Lawn Sprinkler we have seen as yet. Sprayer is about 6 inches high and throws a splendid spray either high or low, and covers a lot of ground; has 3 revolving arms. It is not necessary to stop the water to move the sprayer. $1.50 each.

STEARN'S REVERSIBLE LAWN SPRINKLER.

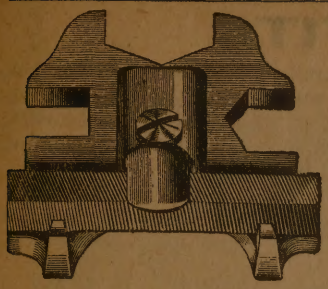
Throws either a high or low spray over an unusually wide area by simply reversing the cap. Only two pieces and brass spring in its construction. May be instantly adjusted for any pressure of water. Japanned finish, with nickel-plated non-rusting cap. Is threaded to fit standard ¾-inch hose coupling, and is provided with an internal rubber packing. Price, 75c each.

THE GEM LAWN CLEANER.

This machine can clean your lawn more thoroughly and quickly than three or four men can do it with hand rakes, and it will greatly benefit the turf. It leaves the grass standing up straight and strengthens up crab grass and other running weeds so they will be cut closer by the lawn mower and sooner destroyed. It is made of metal, wood and canvas, and is put together in the most durable and thorough manner. This combination makes it lighter and less noisy than all metal. It combines strength and durability with light construction. It cleans twenty-four inches—longer rakes make the work too heavy, and any shorter do too little work; only one size is made. A strong current of air, created by a rapidly revolving fan with metal teeth, is the principal by which this machine cleans a lawn. The metal teeth rake up everything on the surface of the lawn, in combination wtih the current of air, carry it to the canvas receptacle or basket, which is large and is easily emptied when full. Cut grass left on the lawn smothers the new growing shoots. $17.00 each.

APOLLO LAWN SWEEPER.

To produce rich green velvety lawns they should be swept after cutting the grass, and this machine does it much better than rakes or brooms and saves two-thirds the time. Splendid for taking up fallen leaves in the autumn; also used for floors, cement and gravel walks. Made to last; guaranteed to give satisfaction. 28-inch Sweeper, $12.50. Full descriptive circular on application.



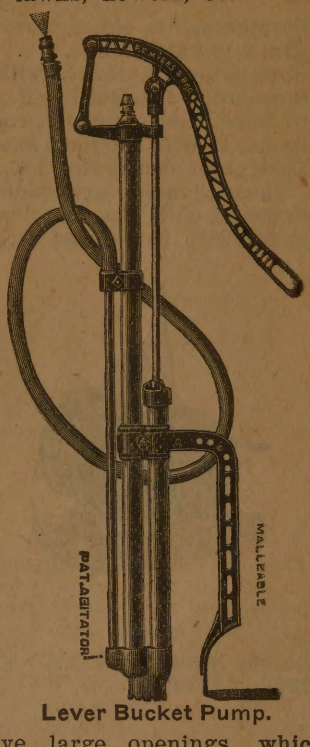
ROYAL SHARPENER AND WRENCH.

A practical perfect device for sharpening any make lawn mower, made from highest grade crucible steel specially tempered. Adjustable ,durable, light and uncumbersome, having 8 sharpening cutting surfaces, sharpener and 3-nut wrench combined. To use see that edges of blades are free from grass and paint. Place the sharpener on the edge of the blade. Hold the bevel gauge on the bevel against the side and push the sharpener firmly across the blades. A few strokes will instantly sharpen the mower to the requisite bevel and produce a keen bevel edge. Price, $1.00, postpaid.

MYERS' BUCKET SPRAY PUMP.

Is constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all on the downward stroke of the piston and nothing on the up ; the effect of this operation while pumping is to hold the pump down, the footrest steadies the pump, holding it in proper position. It is provided with a large air chamber and has ball valve. The pressure is held uniformly in the air chamber and on the hose, so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. Will throw a solid stream 50 feet, and is of unusual value for washing windows, buggies, and extinguishing fires, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet at the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only and a very necessary feature to a spray pump.

Brass Pump with Agitator, complete with hose, graduating Vermorel, fine coarse spray and solid stream nozzle and malleable footrest, $3.50.



Lever Bucket Pump.

MYERS' LEVER BUCKET SPRAY PUMP.

This is an improvement on the above pump, being constructed on the same principle but differing by having an extra large air chamber and a lever handle, which add greatly to the ease in pumping ; it has also a top casting to attach to a barrel if preferred. Price, complete with agitator, hose and graduating Vermorel nozzle, $4.

MYERS' IMPERIAL BARREL SPRAY PUMP.

This pump is made of brass, and is powerful and easy to operate. It is made on same principle as the Bucket Pump, but larger—has lever handle, 2-inch cylinder and air chamber, patent agitator, ample capacity for two streams, and is fitted with a top casting to bolt to chime of barrel. Complete, with 5 feet of ½-inch 3-ply hose and graduating Vermorel nozzle, $7.00.

Eight foot Extension Pipe, for above pumps, 50c extra.

MYERS' FOUNTAIN KNAPSACK PUMP.

It is constructed of first quality of galvanized iron, with round corners, removable strainer and tight lid, which prevents liquid from splashing on operator. It is fitted with adjustable straps so as to be carried on the back, or can be carried by bail. It is tapped at both right and left hand lower corners, and fitted with brass female ends, to which hose is attached, either one or two strings of which may be used at one time. When one hose only is used, the other opening is closed with a metal plug furnished for that purpose. The hose and bulb used are made of the best white rubber, and protected at each end by coiled wire to prevent breaking. The valves are made of brass and will not corrode, have large openings which permit the free flow of water, and shut off instantly when under pressure. The nozzle is made of brass, nickel plated, has 50 small openings, and throws a spray 6 feet wide at a distance of 12 feet. The pump is operated by grasping the bulb in the hand and compressing it, which causes a spray to be thrown any distance from 3 to 15 feet if desired; on relaxing the pressure on the bulb it expands, refilling instantly, when the same operation can be repeated. To shut off flow of water entirely, use valve on hose for that purpose. The operator can cover one or two rows of plants or vines if desired, and do the work at a rapid walk, thus covering a large amount of territory in a very short time. Holds 5 gallons. Weight 52 lbs. when full. All working parts are brass.

Pump, with one tube, rubber bulb and rose, $3.50. Pump, with two tubes, rubber bulbs and roses worked by both hands, $4.50.

THE AUTO-SPRAY.

A self-operating or automatic sprayer. You hold the hose, the machine does the work. The climax of all Sprayers ; combines every conceivable point of excellence, including economy, durability, low price and ease in carrying and operating.

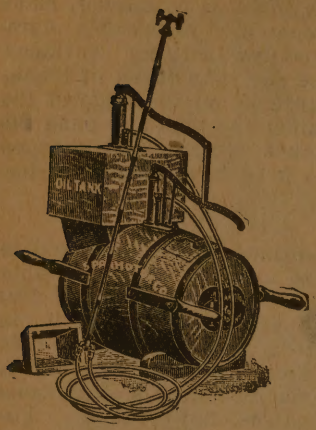
DIRECTIONS.—This cut shows the air chamber and reservoir combined. Fill the reservoir not more than two-thirds full with the solution ready for spraying, insert air pump at the end of can, and all is ready for the operation. The sprayer being carried by the shoulder strap leaves both hands of person operating with nothing to do but direct the spray. Spray can be made to flow slower or faster by merely turning the cock of the spray nozzle and will throw either a cloud-like shower or a solid stream.

A few strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous stream for 9 minutes. This means that the Sprayer can be charged in 15 seconds, when it will work uninterruptedly long enough to spray ¼ acre potatoes. Weight, empty, 7 lbs; loaded, 39 lbs; capacity about 4 gals

Prices—"Auto Spray," complete, galvanized steel tank, $5.50; with brass tank, $7.

Extras—Extension pipes, 2 ft. lengths, galvanized steel, brass ends, 40c. ; solid brass, 50c. Auto-Pop and Auto-Choke Nozzle, $2.00. Auto-Pop and Auto-Choke Nozzle instead of Stopcock. We highly recommend the Auto-Spray.

SPRAMOTOR OUTFITS



The Spramotor is so favorably known in Canada that we can only say we know of no better spraying machine. These machines were awarded the Government Spraying Contest, the Gold Medal at the Pan-American Exhibition, and the highest awards at Glasgow, Toronto, Ottawa and Halifax, and purchasers may be sure of getting strictly high grade machines.

Prices for special outfits on application.

The Spramotor Combination to apply crude oil and water for the destruction of San Jose Scale, recommended by the Department of Agriculture, combining the liquids at the nozzle.

Outfit "A" o|o, for one nozzle, 10 feet double hose, complete.. .. ..$29 00
Outfit "B" 1|0, for two nozzles, or one double line of 10 foot hose, complete as shown.. .. .. 35 00
Extra for two lines of hose, with two nozzles on each.. .. .. 10 50

Geo. E. Fisher, Chief Inspector, says this is the only reliable machine to apply oil and water to trees.

SPRAMOTOR FRUIT SPRAYING OUTFITS.

Spramotor Jr., No. 1 .. ..$10 00
Spramotor Jr., No. 2 .. .. 13 00
Extra for all brass 3 00
Spramotor Jr., No. 1, with 10 feet hose and nozzle 12 00
Spramotor Jr., Outfit 1-F., being Spramotor No. 1, with hand valve, 10 feet hose, iron extension rod, with drip guard, and 2-nozzle cluster.. .. .. .. 15 50
Same, if with bamboo extension pipe 17 00
Spramotor Outfit No. 2 E, being Spramotor No. 2, with hand valve, 10 feet hose, bamboo extension rod, with drip guard, and 2-nozzle cluster.. .. .. 20 00
Same, if with 3-nozzle cluster 21 00
Extra with barrel and screen 3 00

The cut to the left represents the Spramotor Painting Machine for the application of oil and water, paints and varnishes. Will pass through any opening the size of the cask. It is fitted with patented quick release plates, which allow the machine to be removed instantly. New patent immovable strainer and by-pass, which allows the mixture in the machine to pass back into the barrel when through with the machine. Price, complete with all new improvements $25 00
Extra for all brass 3 00
Extra for 2-nozzle Cluster.. .. .. 1 25
Extra for No. 2 Spramotor, in place of No. 1 .. .. 3 00
Extra for hose, per foot, net 10

Nothing about the spraying outfit is of such vital importance as the nozzles, which, if faulty, will not apply the spray in the proper way, nor save the crop. The greatest care is exercised with Spramotor Nozzles, and they are as near perfection as possible.

NOZZLES.

Single Nozzle $0 75
Double Cluster 2 00
3-Nozzle Cluster. $2 85
Y Connection 60

STOPCOCKS.

Plain.. .. ..$0 75
Patent Hand Valve.. .. ..$1 00

Ten feet Hose and Couplings, $1.00. Drip Guards, 40 cents.

EXTENSION RODS.

Bamboo Extension Rod, with Drip Guards.. .. $2 50
Iron Extension Rod 60

ROW SPRAYERS.

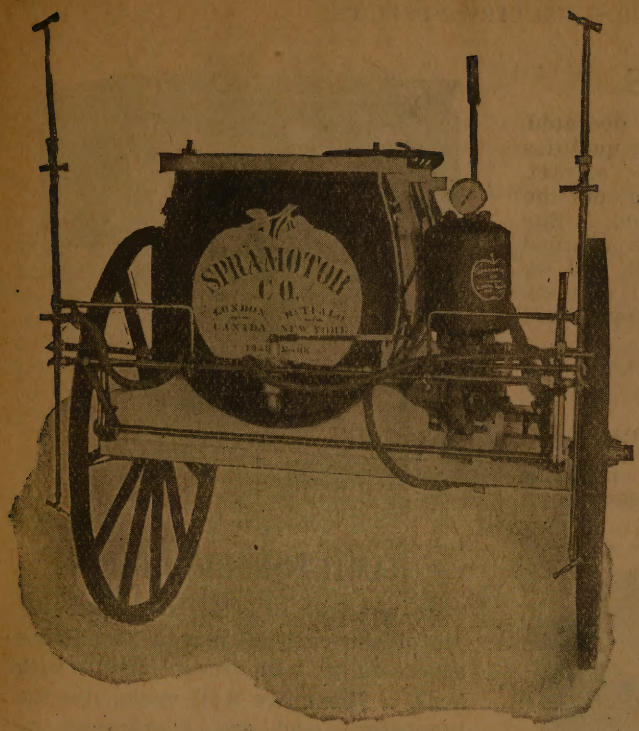
2-Row Brass Sprayer, with nozzle $3 20
3-Row Brass Sprayer, with nozzle 4 30
4-Row Brass Sprayer, with nozzle 5 90
5-Row Brass Sprayer, with nozzle 7 50

SPRAMOTOR CAN OUTFITS, AS SHOWN

Spramotor No. 0, with 2½ feet hose and nozzle.. .. ..$7 25
Extra for heavy galvanized can. 2 00
Same, if with bamboo extension pipe, hand valve and can 12 75
Spramotor Outfit G, as shown, for spraying fruit trees, with 10 feet hose, hand valve, extension pipe, with drip guard, without can. $10 00

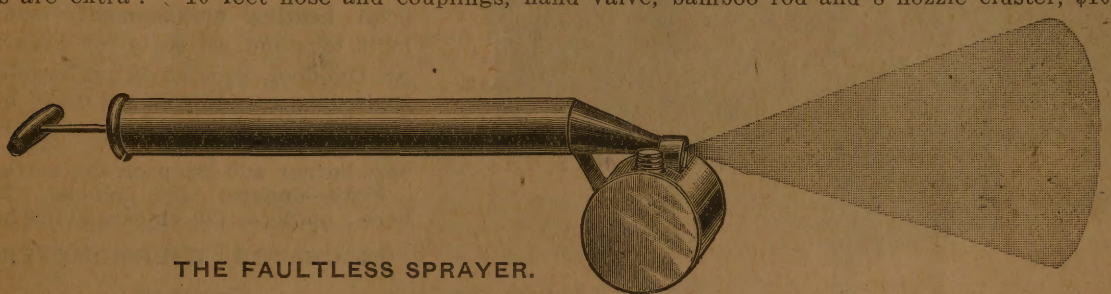
THE SPRAMOTOR WHEEL OUTFIT.

With No. 0 Spramotor, fitted as illustrated, with 5 ft. of hose, patent hand valve, 5 foot extension pipe, with patent drip guard and nozzle. Price complete.. .. ..$18 00
Same, if with bamboo extension pipe, 8 or 10 feet.. 19 60
Same, if with all brass No. 0 .. .. 20 00
Same, if fitted with No. 1 instead of No. 0 .. .. .. 22 00
Same, with No. 1, all brass 25 00



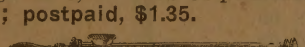
HORSE POWER SPRAMOTOR.

This machine is the cheapest, because it is the best. We give a few of its chief points : Sprays both vines and tops at same time, automatic agitator operated from axle, can also be agitated by hand when operating pump by hand, patent parallel motion adjuster for raising or lowering nozzles or stand pipes while in motion and keeping them in right direction, auto regulator preventing pressure going too high, nozzle protector preventing clogging of nozzles, screen in intake pipe in bottom of tank cleaned by agitator, which can be unscrewed from outside for cleaning out tank. It can be made for one or two horses and with 50 gallon tank holding 400 lbs. water for hilly ground, or 110 gallon tank holding 850 lbs. water for level ground ; each has hinged manhole. Nozzles are adjustable as to width and can be directed at any angle. Axle turns one way, is 1⅜ inches in diameter, which can be made any length from 52 inch to 84 inch, or for any width of row, as narrow as 56 inches over all. Both wheels turn the axle, they are 52 inch diameter, with a pair of ratchets in each. All parts interchangeable. Repairs are cheapest possible. Guaranteed for 1 year against faulty material or construction. Cut shows the Combination Surface Row and Vineyard Trellis Machine. Price, with 50 gallon tank, $83.00 ; with 100 gallon tank, $93.00. Extra nozzle protector, $6.00. The following fruit spraying parts are extra : 10 feet hose and couplings, hand valve, bamboo rod and 8 nozzle cluster, $10.80.



THE FAULTLESS SPRAYER.

Made in brass and tin; throws spray as fine as mist. Adapted for the destroying of every kind of insect. It is economical, will not drip; and its shape is such that as it sprays up or down, all the liquid is pumped out, leaving but a spoonful in the can. It is absolutely the best constructed sprayer of its class ever offered to the trade. For strength and durability it has no equal. The tapering point to air chamber gives great force to the spray; carrying it to the greatest possible distance. This tapering tube also allows the air chamber to be fastened to the tank in the most substantial manner. The tube of air chamber is soldered to top of reservoir and also supported by a broad strip of metal passing over point of tube. The point of air chamber and small tube through which the liquid passes are thoroughly protected from damage in use or shipping. Piston rod is spring steel wire and cup leather plunger. One-half teaspoonful of Paris Green and once filling with water is sufficient to destroy all the bugs on 1,300 hills of potatoes. **Prices, Tin with Galvanized Tank, 65c.; postpaid $1.00 ; all Brass, $1.00 ; postpaid, $1.35.**



IMPROVED BRASS GARDEN SYRINGES.

No. 1—Syringe, 16-inch barrel, each $2.50. No. 2—Full size, Reed's 18-inch barrel, ball valve, each $4.50. These syringes have improved side screws attached, and are the best English make.
Best Canadian 18-inch Brass Syringe, $2.00. Improved Zinc Syringe, for fruit trees, 50c each.

THE "TRIUMPH" CAPONIZING SET.

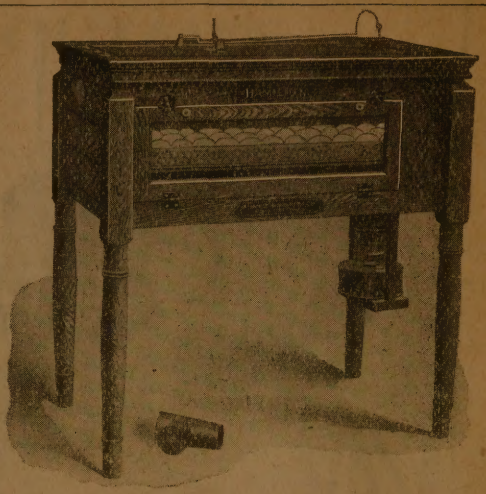
There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple, and with a "Triumph Caponizing Set" any boy 12 years of age can perform it with safety and thoroughness. Capons, as everyone knows, sell on the market as a rule from five to eight cents per pound higher than any other chickens, and the demand is always good, is steadily growing, and at this time a better market is assured the producer in this field than any other. Now is the time to get into the caponizing business, and the first thing to start right is to buy a "Triumph Caponizing Set." No more efficient, simple or more easily operated set is being offered the craft to-day, and you will make no mistake by selecting the Triumph set.

Prices : Set in plush-lined cloth-covered case, postpaid $3.25 ; set in polished hardwood box, postpaid $3.00; set in Japanned wood box, postpaid $2.75. Instructions furnished with each set.

THOMPSON'S BONE CUTTER.

Warranted to cut both dry and green bones. If you keep a dozen fowl or more you cannot afford to be without one. This machine must not be confounded with the Bone Mill, as it cuts fresh bones from the butcher, and the latter only grinds dry bones, which do not contain any vegetable matter. This Cutter weighs about 55 pounds ; size, tempered steel knives, 3-16 inches thick, and 2¼ inches wide; diameter fly wheel, 20½ inches. We can furnish this machine with crank in place of fly wheel if desired. Price: with crank $7, with fly wheel $8; arranged with pulley for power, $12.50 here

HAMILTON INCUBATORS

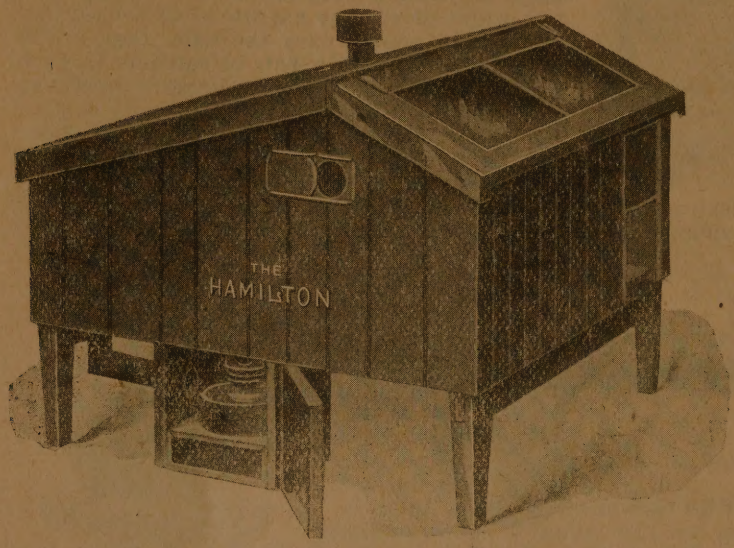


This is a strictly first-class machine, easily operated, well made, and of best material, and its hatching qualities are unsurpassed by any machine on the market. Trays are strong plated steel mill wire, thermometers the best, and Smokeless Sun-hinge Burners are used. Egg Tester supplied with each machine. They were awarded diploma at National Exhibition, Toronto, last fall, and we will furnish to all applicants catalogue with list of testimonials. It is not a cheap machine, but the best, and guaranteed to give satisfaction.

Prices—No. 1, 40 eggs, $11.00; No. 2, 60 eggs, $15.00; No. 3, 120 eggs, $20.00; No. 4, 240 eggs, $27.00. Prices here.

ACME SPRING LEVER POULTRY PUNCH.

The best and easiest operated machine for marking chicks, etc., so as to keep record of them. 45c each postpaid.



HAMILTON BROODERS

An out-door Brooder is a necessity, for chicks can be reared far more successfully with these than with hens. These are well made, like the Incubators, and are guaranteed to give satisfaction. It has an artificial heating arrangement and is built to stand all sorts of weather. An Out-door Brooder is preferable to an in-door one, though we make both, for the out-door one can be used either indoors or out. It has the best burner and lamp on the market.

Price—Indoor, 120 chicks, $9.00 here; outdoor, 120 chicks, $11.00 here.

INCUBATOR THERMOMETERS

75c each.

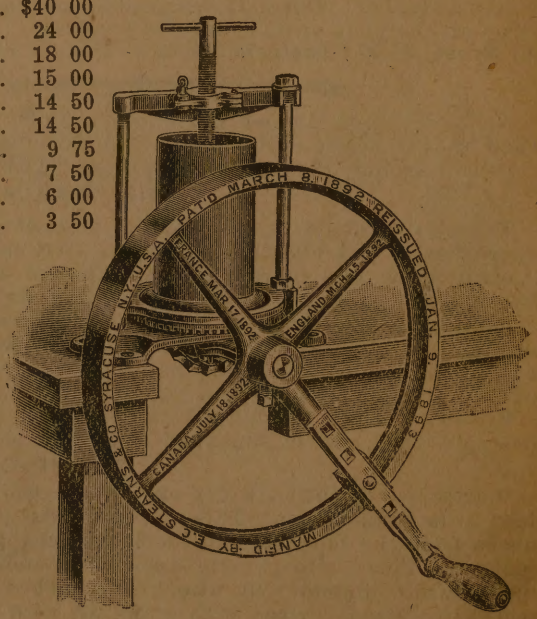
POULTRY CRAMMING MACHINE.

Our Cramming Machines are on an entirely new and improved principle, for the force-feeding of turkeys, fowls, etc. Quality of food can be regulated to a minimum. Is more simple in construction, having less working parts. The plunger is self-feeding. Entire absence of air in the plunger. Everlasting wear. Is easier worked. Under the complete control of the operator. $12.00 each here.

GREEN BONE MEAT AND VEGETABLE CUTTER.

The famous Webster & Hannum make, the only make to receive the World's Fair medal—the only machine having a truly automatic feed.

No. 3,	with fly wheel,	on stand,	weight 260 lbs.		$40 00
No. 7,	" "	" "	200 "		24 00
No. 6,	" "	" "	135 "		18 00
No. 6,	" "	for bench	"		15 00
No. 2,	" "	"	56 "		14 50
No. 5,	" "	on stand	" 125 "		14 50
No. 4,	" "	for bench	" 46 "		9 75
No. 4,	" crank	"	" 26 "		7 50
Grit and Shell Crusher,		"	" 55 "		6 00
Clover Cutter.					3 50



GALVANIZED DRINKING FOUNTAIN.

The best up-to-date drinking fountain, easily fitted, easily cleaned, and will not burst if water freezes in them. 1 qt. 30c, 2 qt. 35c, 4 qt. 50c, 8 qt. 65c each here.

IMPROVED CHAMPION LEG BAND.

This is made in one piece, in two sizes, adjustable to fit any fowl. Held by double lock, it is impossible for them to fall off. Made of aluminum or copper. Bend broad part of band on your finger to conform to shape of fowl's leg. Put small end through loop, draw through till it fits loosely on the leg, turn the end back, then bend the two lugs over the loose end. Cut off surplus with shears. 1 doz. 25c, 2 doz. 40c, 4 doz. 75c, 100 for $1.50, postpaid.

PURINA POULTRY FEED

A Perfect Poultry Feeding System for Breeders, Poultrymen and Housekeepers, Insuring Healthy, Rapid Chick Development, and Increased Egg Production.

PURINA SCRATCH FOOD.

Made from a dozen varieties of choice grains and seeds, each selected to perform a special function in keeping the hens in perfect physical and laying condition. These are mixed in proper proportions to make a perfectly balanced ration—and ground. Feed according to directions, thus keeping the hens' blood in thorough circulation, which makes them lay. **Directions for Feeding**—For every dozen hens use a slack quart of Purina Scratch Feed in the spring and summer, and a heaping quart in the fall and winter. Bed the pen with four to six inches of straw (litter) scattering the food in thinly, so that the hens will have to work it out. When you can keep your hens scratching, their blood is circulating and good egg production is bound to follow. 8 lbs. 25c, 25 lbs. 60c, 40 lb. bag 90c, 100 lb. bag $2.00.

PURINA BABY CHICK FEED.

Composed of choice grains and seeds—more than a dozen kinds, carefully selected—perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff. This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as best digestive results. Avoid feeding meal or other mash foods or table scraps to young chicks. In using Purina Baby Chick Feed according to directions you will never lose a chick from feeding causes. **Directions for Feeding**—Little chicks, like children, are hungry all the time, and have to be fed sparingly every few hours in the day. If possible, bed their feeding place with an inch or two of cut alfalfa or clover. Scatter Purina Baby Chick Feed in lightly, as much as they can eat up clean. Do not overfeed. 8 lbs. 25c, 25 lbs. 60c, 40 lb. bag 95c, 100 lb. bag $2.10.

PURINA MASH.

Green food and meat ration for moulting and winter eggs. Composed of meat scraps, mill feed, and alfalfa meal from our own mills. This gives the necessary combination of green foods, meat, and medicinal qualities necessary for highest egg development. Where all other feeds have failed to produce eggs Purina Mash has succeeded. A recent experiment with it succeeded in bringing up the egg yield of a flock of White Plymouth Rocks to Leghorn standard. No medicated foods, condimentals or specifics required when Purina Mash is used. **Directions for Feeding**—Scald or boil. Feed as much as the hens will eat up clean. Mix in table scraps that can be mixed fine. Do not use coarse bits of scrap, whole bone or gristle. 8 lbs. 25c, 25 lbs. 65c, 40 lb. bag $1.00, 100 lb. bag $2.25.

PURINA FATTENING FEED.

A careful, intelligent combination of the best grain known for finishing off market fowls quickly and profitably; ground to a meal. It can either be mixed with sufficient water for a crumbly mash or made into a gruel for use in the stuffing machine. 8 lbs. 25c, 25 lbs. 65c, 40 lb. bag $1.00, 100 lb. bag $2.15.

PURINA ALFALFA MEAL.

Alfalfa Meal is rapidly taking the place of clover meal, as a green feed, and is far more nutritious, containing twice as much protein. It has a rich green color that looks as succulent and appetizing as it really is. But, the ordinary commercial alfalfa meals are expensive—too much bulky fibre—the coarse stems and stalks ground up. We have built two mills and equipped them at heavy expense with special machinery, to grind just the tender, succulent tops and tendrils. Our alfalfa meal is cleaner, purer, more succulent, more appetizing—and more economical because it contains more nutrition to the pound. 8 lbs. 25c, 25 lbs. 65c, 40 lb. bag $1.00, 100 lb. bag $2.25.

CONKEY'S ROUP CURE.

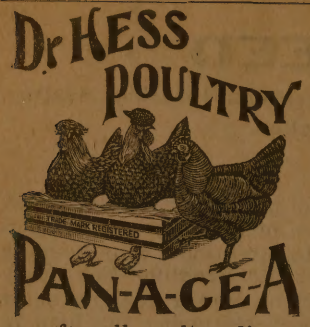
Conquers roup, the most fatal and dreaded disease of the poultry yard, and very contagious. It is usually the result of a cold, contracted in various ways, such as crowded houses, exposure to cold and damp weather, drafty quarters, filthy surroundings, which weaken the constitution of the fowls and make them subject to disease. Symptoms: Sneezing, followed by difficult breathing; discharge from the nostrils and eyes, which quickly thickens, becoming cheesy looking; rattling in the throat; offensive odor, loss of vitality, etc. It is a positive cure for all forms of this disease. We guarantee this. If it should fail, your money will be refunded. It is placed in the drinking water, the fowl takes its own medicine without knowing it. Coming in contact with the head and throat membranes, it kills the germs at once. It is quickly taken up by the system, and cleanses the blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. Price, 50c box, makes 25 gallons medicine, and $1.00 box makes 75 gallons medicine, postpaid.

CONKEY'S CHOLERA CURE.

Is a positive cure for Bowel Trouble, Indigestion, Diarrhoea, Dysentery, Cholera, etc., in fowls both old and young. It tones up the system and puts the flock in excellent condition. A fowl which is troubled with disease of the digestive organs usually loses its appetite but becomes very thirsty. Conkey's Cholera Cure takes advantage of this important point as it is given in the drinking water, the fowl taking its own medicine. It is highly recommended for turkeys and pigeons. Price 60c box, postpaid, makes 50 gallons medicine

CONKEY'S GAPE CURE.

A truly wonderful remedy for the cure of this disease. It is prepared so that it can be given in the soft feed, thus avoiding the necessity of handling the fowls and relieving the poultryman of all labor. It builds up the health of the fowl and gradually overcomes the worm. It is absolutely sure and safe in its results. Also excellent for use as a preventative. Price, 60c box, postpaid.



DR. HESS' POULTRY PAN-A-CE-A.

Makes hens lay, prevents all diseases and cures roup, cholera, gapes, leg weakness, etc. For chickens, turkeys, ducks and geese, something every poultry man needs, to have success in the business. It promotes the general good health of the fowl, greatly quickens digestion, and being a tonic, works all the various organs like a piece of machinery. Use Pan-a-ce-a and make your hens lay when eggs are at a high price. It is very valuable for young chickens when they are growing. 24 oz. package, 35c, postpaid 60c ; 5 lb. package 85c here.

PRATT'S POULTRY FOOD.

A necessity for all who keep poultry, a preventative as well as a sure cure for all poultry diseases, and a guaranteed egg producer. Makes larger fowls, and quickens the growth of young chicks. 8 oz. pkg. 10c, postpaid 20c ; 26 oz. pkg. 30c, postpaid 60c ; 5 lb. pkg. 75c, 12 lb. pkg. $1.25, 25 lb. pkg. $2.50 here.

IDEAL POULTRY FOOD.

This excellent preparation is concentrated food made from the most nutritive ingredients possible, and will not injure fowls. Its results are secured not by abnormally exciting the digestive organs, but through its power of invigoration and building up the whole of the animal system. Results from carefully conducted experiments extending over a long period have shown conclusively that it is the best egg producer in existence. Splendid for turkeys, geese, chickens, ducks, pigeons, pheasants and all aviary birds. 26 oz. pkg. 25c, postpaid 55c.

DR. HESS' STOCK FOOD.

The best food for horses, cattle, hogs and sheep ; thoroughly reliable, and guaranteed to give satisfaction. 7 lb. package, 65c ; 12 lb. package, $1.00 ; 100 lb. package, $7.00 here.

PRATT'S ANIMAL REGULATOR.

Highly concentrated. Cures hog cholera, makes pigs grow quickly, dairy cows produce more butter and milk, stops slinking of calves and makes them healthy, and regulates horses. 21 oz. pkg. 30c, postpaid 55c ; 42 oz. pkg. 60c here ; 72 oz. pkg. 90c here.

PRATT'S STOCK FOOD.

An excellent food for horses, cattle, hogs and sheep ; guaranteed to give satisfaction, and thoroughly reliable ; largely used. 7 lb. pkg. 65c ; 12 lb. pkg. $1 ; 25 lb. pkg. $2 ; 25 lb. pail $2.50 here.

DR. HESS' INSTANT LOUSE KILLER.

Kills lice, ticks, fleas, moths, ants and all kinds of vermin. Probably no single enemy is so universal among stock and poultry as lice. It is not a poison, but lasting, effectual, convenient to use, and the cheapest article that can be had. It is put up in round cans with perforated lids, ready for use. As a deodorizer and disinfectant it is entirely reliable for poultry houses, stables, pigeon lofts, pig pens, sinks, water closets, cesspools, garbage boxes, kennels, etc. It serves as an absolute preventative of disease, and will speedily destroy all parasites that inhabit such places. It is especially adapted for the destruction of sheep ticks, a powder and easy to apply, overcoming the great disadvantage of dipping, and can be applied in cold weather when the wool is long and the ticks are most numerous. 1 lb. tins, 35c, postpaid 55c.

PRATT'S LOUSE KILLER.

A splendid disinfectant, as well as sure death to lice and all such vermin. 5 oz. package, 10c, postpaid 20c ; 16 oz. package, 30c, postpaid 50c; 2 lb. package 60c here.

DR. HESS' HEALING POWDER.

Cures galls, scratches, grease heal, cuts, ulcers, burns, thrush, foul in the foot, indolent sores and open wounds of every description. It prevents excessive granulation, commonly known as proud flesh. It is also a reliable antiseptic. Flies will not attack wounds treated with this powder. 4 oz. tin 25c, postpaid 30c.

GRANULATED POULTRY BONE.

A little larger than wheat, and can be fed like any other food in grain, about one handful to every five fowls daily or every other day. In either manner it furnishes a valuable food for poultry at all seasons of the year. 8 lbs. 25c, 100 lb. bag $2 here.

CRUSHED OYSTER SHELL.

Peerless brand. All breeders of poultry recognize the fact that a grit of some kind is a necessity. Even where the fowls range, strength and plumpness are gained by providing them with Crushed Oyster Shells. The most frequent cause of the hens not laying is the absence in the food of carbonate of lime. As it is practically pure carbonate of lime, it supplies, when fed to poultry, this most essential element, and greatly aids in the formation of the egg. Stone, lime, gravel, grits, etc., in fact, nothing of a mineral character will equal it in beneficial results. 5 lbs. 10c, 25 lbs. 25c, bag of 100 lbs. 75c here.

MICA SPAR CUBICAL GRIT.

One of the principal reasons why so many do not have success in raising poultry is that the poultry cannot obtain sufficient grit to enable them to masticate their food in a proper manner, and strange to say, this is greatly neglected by a great many. It is necessary to feed some gritty material. It keeps and makes hens healthy, and if it is used you do not require oyster shells. 5 lbs. 10c, 25 lbs. 25c, 100 lb. bag 75c here.

BLOOD MEAL—4 lbs. 25c, 25 lbs. $1.25, 50 lbs. $2.15, 100 lbs. $4.00 here.

MEAT MEAL—7 lbs. 25c, 25 lbs. 75c, 50 lbs. $1.25, 100 lb. bag $2.25 here.

The Little Giant Geared Hand Broadcast Seed Sower

The greatest labor-saving invention of the age. The strongest, prettiest, lightest and easiest running Seeder made. The agitator or force feed is of great advantage. It has also, among other advantages, a pressed tin distributing wheel, hand hold on the side, and no feed plate to carry. They will pay for themselves many times in one season. Satisfaction guaranteed. It will distribute all kinds of fertilizer, land plaster or ashes. Flax and Clover Seed, 36 feet to the round ; Wheat, 50 feet to the round ; Buckwheat, 46 feet to the round ; Barley, 40 feet to the round ; Timothy Seed, 27 feet to the round ; Oats, 36 feet to the round. **Price, $1.75.**

The Little Giant No. 2

Made by same manufacturer and on same plans as the above Seeder, but not quite so large, and consequently will not do as much work in the same time. It is also of lighter make, but will do just as good work. **Price, $1.25.**

We highly recommend these Seeders, and have many letters testifying to their great usefulness.

The cheapest way to send either Seeder is by express, which costs 25c to 50c to most places. To out-of-the-way places we can mail them for 75c extra.

Binder Twine

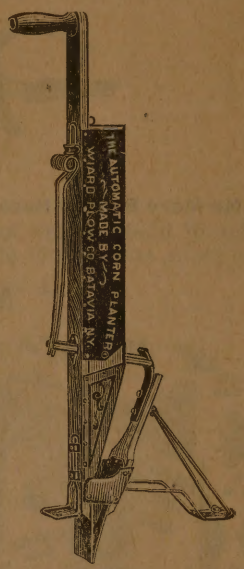
We offer Brantford Cordage Co.'s Famous Binder Twine. This cannot be excelled by any on the market, and we recommend their best brands, viz.: Gilt Edge, 650 ft. at 15c lb., and Gold Leaf, 600 ft. at 14c per lb. It pays to buy the best twine, it goes much further, runs smoother, and there is no trouble. Prices subject to market fluctuations.

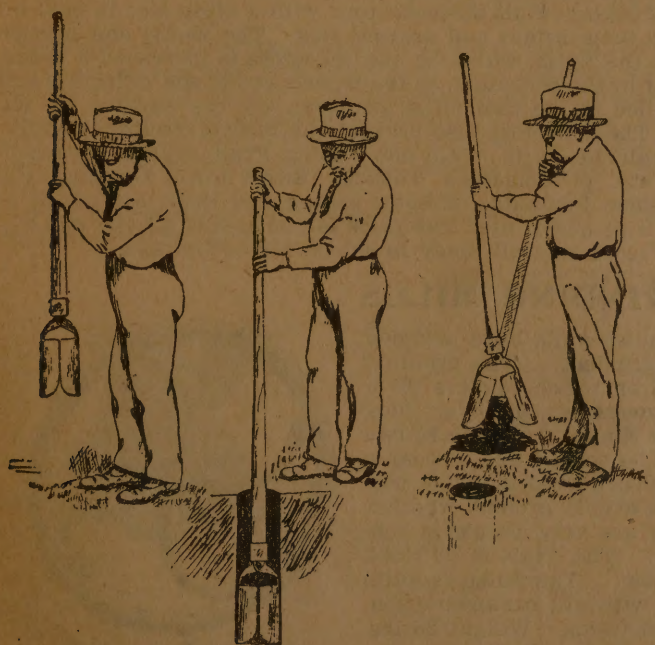
Clean Cut Tree Pruner

An invaluable implement in the orchard for lopping off boughs ; has a long handle by which you can reach 11 or 12 feet from the ground. $2.00 each here.

Automatic Corn Planter

The only reliable Corn Planter we have seen. Worked with one hand. It does the work thoroughly and saves a great deal of time and labor. Highly recommended. Price $1.75 each here.





Griffin's Patent Post Hole Digger

Makes work a pleasure. For any farmer who has fences to put up or repair it is invaluable. It does the work in half the time that it takes with the shovel or spoon, does it much easier, and makes a better job. It will sink a hole close beside any object and will work in any soil except hardpan.

The surface soil is first loosened up with the digger to a depth of 6 inches, and then it is clear sailing, and the deeper the hole the easier it works. By simply loosening one bolt it is made into two excellent shovels. We have excellent testimonials from both the G. N. W. and C. P. R. Telegraph Co.'s here, who use this digger for putting in their poles. **Price $4.00.**

Active Agents wanted, to whom good sized territories will be given. Liberal commission. Write for terms and particulars.

THE LIGHTNING POTATO EYECUTTER

does the work many times faster and more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter. It has been proved conclusively that potatoes cut to a single eye give the best results.

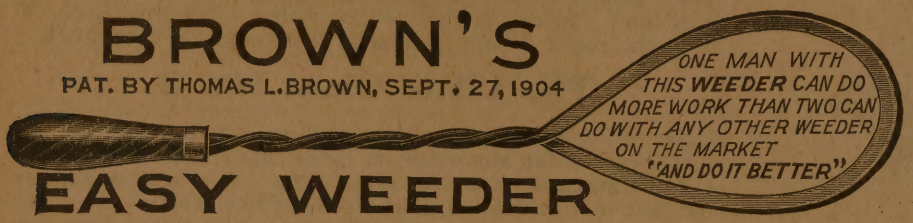
Price 30c by mail, postpaid.

HAZELTINE'S HAND WEEDER

An invaluable tool in the garden. 30c each, postpaid.

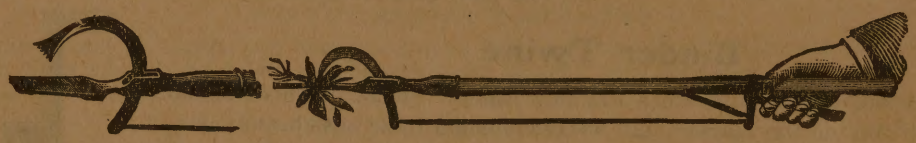
BROWN'S EASY WEEDER

PAT. BY THOMAS L. BROWN, SEPT. 27, 1904



Especially adapted for working among carnations, roses, etc. Equally as valuable to the market gardener and nurseryman and the best all-round weeder for the private garden.

Does not cut or destroy the roots of plants. The pushing edge is thin enough to work easily through the soil, but too dull to damage the stems of plants should it come in contact with them. The inner edge is sharp. Takes out all the weeds; its oval shape permitting the operator to weed behind the plants while standing in front. 35c each here, 45c postpaid.



CLEVELAND LAWN WEEDER

No More Broken Backs—This device gets at the root of the evil and removes it bodily. The curved edge of blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge same without disturbing surrounding sod. Price 75c each

MOTH CATCHER—DEATH TO PESTS

Directions—Put reflectors over the tub or pan. Bend the hooks at outer edges over the rim of the tub or pan. Set the tub or pan on a box, bench or post two or more feet high, in an open place, so the light can shine out in all directions. Fill the tub or pan nearly full of water close to the bottom of the reflector. Put a quarter of a pint of coal oil on the surface of the water, enough to spread over the top of the water. Fill the torch three-fourths full of coal oil or kerosene, best quality. Light the torch at sunset. Use one Moth Catcher to the acre.

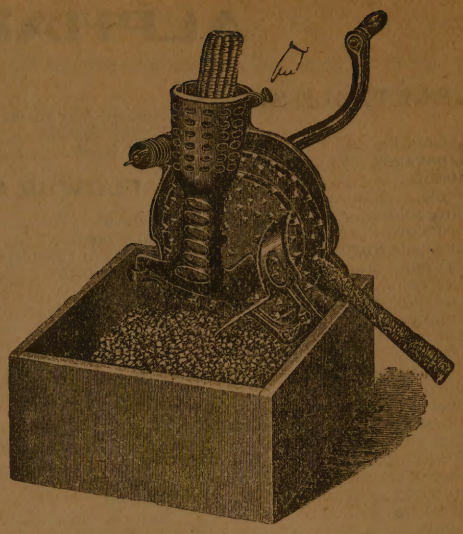
Will always burn when moths can fly. Wind will not extinguish torch if wick is high. Rub the reflectors with a cloth wet in coal oil and it will keep them bright and prevent rust. The moths and beetles see the light of the torch, which by the reflectors is increased 8 times. There is no heat in the reflection, so the insects strike the reflectors and fall, and are killed in the coal oil or kerosene on the surface of the water below. The reflectors also prevent the insects circling the light. This trap kills all the pests. No one raising Fruit, Apples, Peaches, Pears, Plums, etc., or Tomatoes, Tobacco, Sweet Corn, Cabbage, Cucumbers, Squashes, Pumpkins, Melons, Cotton and Bees, can afford to be without this great device to make perfect fruit crops, etc. The price is put so low all can use it—only 85c small size, and $1.00 for large size. Torch and all ready to set on tub or tin dish.

HAND GRINDING MILLS

For Corn, Coffee, Spice, Etc.—These well known mills have attained a large sale, purely on their merits as rapid grinders. The grinding parts are all made of a specially good, tough iron which renders them durable, and they will last for years. When necessary, however, they may be renewed at a small cost. The capacity ranges from one to two bushels per hour, accordingly as the mill may be set for fine or coarse grinding. The Mills may be adjusted to grind corn meal for table use, or only for cracking the grain. The product is evenly ground, whether the mill be set for coarse or fine work. They are very simple in construction, and not liable to get out of repair. The shaft is of steel. They are made all ready for attachment to table. The finish is quite attractive, painted wine color and varnished, with gilt ornamentation. Each Mill is racked separately for safe transportation. Weight 25 lbs. **Price $3.00 each.**

Hand Grinding Mill.

AMES HAND CORN SHELLERS WITH SEPARATORS



Note the regulating thumb-screw, enabling the sheller to be set for either large or small corn. It shells clean and without effort. Good work may also be done on Pop Corn. There are no breakable parts, as the light pieces are malleable. Clamps for fastening to box, with bolts and wrench furnished with each sheller. Chilled shaft and bearings. Painted wine color and varnished, with gilt ornamentation. Weight, racked, 20 pounds. Price $2.50.

SILKALINE

For florists, for stringing Smilax and other trailing plants. It is very strong, and a fast color ; color green, and does not fade ; made in three sizes, fine, medium and coarse. 2 oz. spools, 25c each ; per lb., $1.75 ; postpaid $2.00 per lb.

PRICE LIST OF VALUABLE BOOKS

Agriculture, A B C of. Weld	$ 50
Alfalfa. Coburn, F. D	50
Asparagus. Hexamer, F. M	50
Cabbage, Cauliflower and Allied Vegetables. Allen	50
Carrots, Mangold Wurtzels, etc., On. Gregory	30
Celery for Profit. Greiner, T.	30
Crops. Spraying. Weed, Clarence M.	50
Drainage, Farm. French	1 00
Farm Appliances	50
Farm Grasses of the United States. Spillman, W. J	1 25
Fertilizers, On. Gregory	30
Forage Crops Other Than Grasses. Shaw, Thomas	1 00
Fungi and Fungicides. Weed, Clarence M.	1 00
Gardening for Pleasure. Henderson, Peter	1 50
Gardening for Profit. Henderson, Peter	1 50
Garden Making. Bailey, L. H.	1 25
Hedges, Windbreaks, etc. Powell, E. P	50
Insects and Insecticides. Weed, C. M	1 50
Manure, Farming with Green. Harlan	1 00
Market Gardening and Farm Notes. Landreth	1 00
Mushrooms. Falconer, Wm	1 00
Onion Culture, the New. Greiner	50
Plant Life on the Farm. Masters.	1 00
Practical Garden Book. Hunn, C. E	1 25
Soiling Crops and Silo. Shaw, Thomas	1 50
Soil, The. King, T. H	1 00
Tomato Culture	35
Tobacco Culture	35
Bulbs and Tuberous Rooted Plants. Allen, C. L.	1 50
Floriculture Practical. Henderson, Peter	1 50
Fruit Grower, Practical. Maynard	50
Forcing Book. Bailey, L. H	1 25
Fruit Growing, Principles of. Bailey, L. H	1 50
Horticulturists' Rule Book. Bailey, L. H	1 00
Profitable Gardening, Principles of. Bailey, L. H	$1 50
Fumigation Methods. Johnson, W. G	1 00
Grape Growers' Guide. Chorlton	75
Grape Growing and Wine Making. Husman, Prof. G.	1 50
Greenhouse Construction. Taft, Prof. L. R	1 50
Greenhouse Management. Taft, Prof. L. R	1 50
Nursery Book. Bailey, L. H	1 25
Plants, Propagation of. Fuller, A. S	1 50
Plants, Your. Shehan, James	40
Plants, First Lessons With. Bailey, L. H	75
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Small Fruit Culturist. Fuller, A. S	1 00
Strawberry Culturist. Fuller, A. S	30
Window Flower Garden. Heinrich	50
Landscape Gardening. Waugh, F. A	50
Ornamental Gardening for Americans. Long	1 50
Animal Breeding. Shaw, Thomas	1 50
Cattle Doctor, American. Dadd Prof. Geo. H	1 00
Feeds and Feeding. Henry, W. A.	2 00
Key to Profitable Stock Feeding. Myrick, Herbert	30
Milk and its Products. Wing, W. H	1 25
Pig, Harris on the. Harris, Joseph	1 00
Dog Breaking, Hints on. Floyd, William	50
Horse Doctor, Modern. Dadd, G. H	1 00
Beekeeping Explained, Mysteries of. Quimby	1 00
Egg Farm, New Revised. Stoddard, H. H	1 00
Profits in Poultry and their Profitable Management	1 00
Canary Birds. New and Revised Edition	50
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Taxidermy Practical. Batty, J. H	1 00
Barn Plans and Outbuildings	1 00
House Plans for Everybody. Reed	1 00
Methods of Making Manures. Bomneer, Geo.	35
Weeds and How to Eradicate Them. Shaw, Thos	75

We can furnish any of the books named above by mail, postpaid, at prices quoted.

PATENT SIEVES

They are easily managed and not liable to get out of repair ; can be adjusted to a large number of different sized meshes. They are worth 10 times their cost to every farmer

No. 1 Sieve will separate Plantain, Daisy, Buckhorn, Wild Carrot, etc., from Clover Seed; Red Top and Plantain from Timothy, and Timothy from Clover Seed. Price, each here, $1.75.

No. 2 will separate Rye, Cheat and Cockle from Wheat. Price, each, here, $1.75.

PLANT STAKES

We offer Bamboo Canes for staking plants as follows : Light weight, about 3 feet tall, at 60c ; medium weight, about 6 feet tall, at $1.00 ; strong, 8 feet tall, at $1.25 per 100; also Painted Wooden Stakes, 8 inches tall, at 60c ; 10 inches tall, at 80c ; and 12 inches tall, at $1.00 per 100 here. Require to go by express.

REEDS FOR WEAVING

No. 1, fine, 15c oz., $2.00 lb. No. 2, 15c oz., $1.75 lb. No. 3 and No. 4, 12c oz., $1.60 lb. No. 5, coarse, 10c oz., $1.50 lb. 132 page book (illustrated) on Roffea and Reed Weaving, 75c.

LITTLE'S SHEEP DIP

An excellent preparation. Price, 75c bottle here.

FRAZER'S AXLE GREASE

The best. Price, 1 lb. tin, 15c ; 3½ lb. pail, 35c ; 15 lb. pail, $1.10 here.

ADVANCE IN PRICE.—Add to prices of Yellow, Brown and Red Onion Seeds on page 18, 10c per ¼ lb. and 25c per lb.

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No. 1—Illustrated Seed Catalogue, published 1st January, a descriptive list of Agricultural, Vegetable and Flower Seeds, Culinary Roots, Garden Implements, Spring Flowering Bulbs, etc.

No. 2—Market Gardeners' and Florists' Special Price List, published 15th January.

No. 3—Annual Fall Wheat Circular, published 15th August.

No. 4—Bulb Catalogue, published September 1st, containing a choice collection of Double and Single Hyacinths, Tulips, Polyanthus, Narcissus, Crocus, Snowdrops, Crown Imperials, Lillies, etc.

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" 24 qt. crates, per doz		1 75	Plows	2 50 to	10 00
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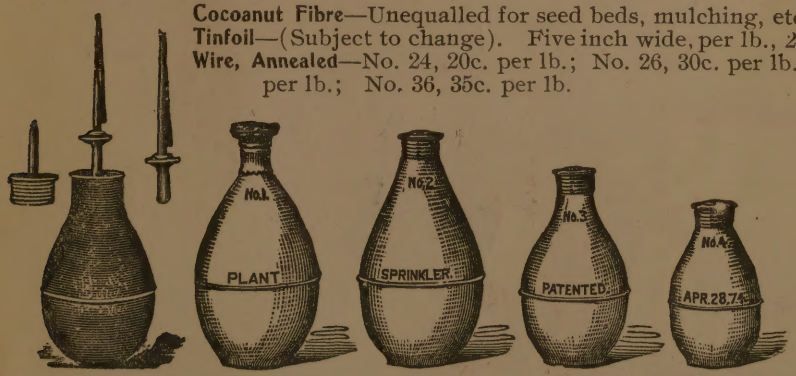

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